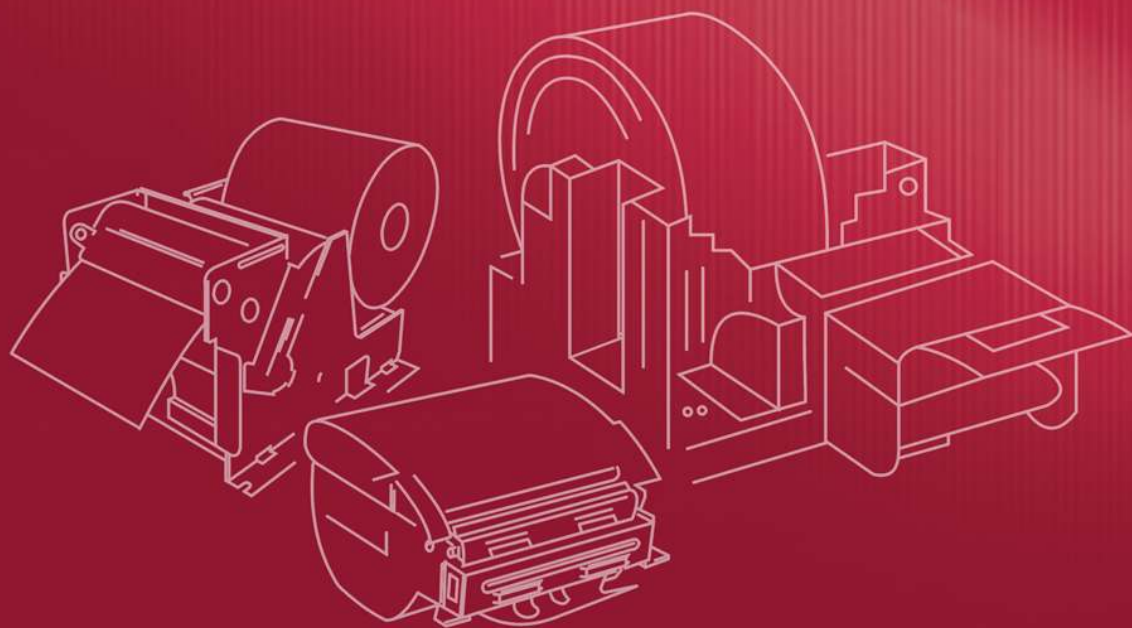


DED

LIMITED


Kiosk Hardware


Retail • Hospitality • Loyalty • Leisure





www.ded.co.uk

CONTENTS


 Pages 3
Compact Desktop Kiosk

 Pages 4 to 13
Kiosk Printers


 Pages 14 to 15
Panel Printers


 Pages 16 to 18
Mobile Printers


 Pages 19
Journal Printers

 Pages 20 to 26
Printer Mechanisms

 Pages 27 to 29
Interfaces

 Pages 30
Plastic Card Kiosk Printers

 Pages 31
Barcode Scanners

 Pages 32 to
Bespoke Printer Design

DED Limited

Formed in 1983, privately owned DED Limited is based in Lydd, on the south coast of England. Over the past 25 years, the company has become a leader in the design, manufacture and distribution of PoS (Point of Sale) equipment, plastic card printers and specialist (kiosk, panel, portable & industrial) printers, literally hundreds of products which cover a very broad spectrum of industry, business and leisure markets. In order to support this wide range of products, DED's sales operation is split into three dedicated divisions.

The PoS team specialise in supporting the retail industry end user through DED's network of system integrators and value added resellers. By forming a strong network of partners, it is possible for the PoS team to ensure that each customer is given the specialist knowledge and support needed in order to supply them with the correct solution. DED supply only PoS hardware, not software, which is supplied through these partners.

The Card team operate in a similar way to the PoS team by supplying card printer products through a network of system integrators and resellers. This enables DED to successfully support all customers with either a reseller who is local to the end user or a system integrator who specialises in a certain market.

The Kiosk team have a wealth of technical knowledge that enables them to assist their customer's when integrating a printer solution. They are experienced in every aspect of printer design and integration including paper handling, power, communications and physical mounting. These skills backed by a wide range of printers from the world's leading manufacturers ensure that a reliable and cost effective solution is provided each and every time.

With one of the original founders, Mike Davis now Chairman and semi-retired but still taking an active role in running the business, DED Limited continues to be run day-to-day by family members Managing Director Elliot Davis and Commercial Director Alex Davis.

DED employ a dedicated and enthusiastic team of engineers and graduates, manufacturing, marketing and distributing a co-ordinated range of products.

Our purpose-built headquarters on the Kent coast provide an ideal working environment for the sales and administration support functions, as well as incorporating state-of-the-art design facilities and a large demonstration room.



In addition to the Mill Road headquarters building, DED have other well-equipped, purpose-built manufacturing premises on Harden Road in Lydd. With excellent facilities and a dedicated staff, the Harden Road site provides the flexibility needed for producing either large volumes or more limited quantities of stock. An EMC-shielded Test Room enables DED to self-certify it's product in accordance with the relevant European Directives.

DED's extensive design facilities enable customers to work closely with highly trained staff to establish the essential design requirements of a specific application and agree the detailed specification, using the most advanced CAD techniques. All of DED's resources are accessible to customers in order to ensure an efficient and cost-effective design solution to their individual requirements.

DED's production and stores facilities also ensure customers' requirements are speedily and efficiently fulfilled. The system is entirely computer-controlled and allows both large quantities of product and single units to be manufactured simultaneously. DED's comprehensive manufacturing capabilities have been designed to handle everything from a small single unit - such as printed circuit interfaces - to the assembly of complete printers.

The stores department holds over 3000 items in stock at all times, all of which are batch controlled with individual serial numbers to enable full product traceability and ensure items are used on a first-in, first-out principle. Thanks to the volume of stocks held and the efficiency of our internal systems, the vast majority of orders are despatched on the same day.

In October 2007, DED purchased the whole of Harden Road Industrial Estate. This purchase and subsequent renovation of the industrial units has provided DED with nearly 4000 square feet of warehousing and storage space. The next phase for DED's development will be the construction of 4 new industrial/office units on the land opposite the existing buildings at Harden Road. It is intended that all of the current Mill Road staff will move into these buildings bringing all of DED's operations together at our Harden Road site.

DED Limited is accredited by NQA to the international BS EN ISO9001:2008 Quality Standard and a major distributor for a number of world-class companies including Star Micronics, Zebra, Axiohm, Nippon Primex, Posiflex, Honeywell, N5 Software and Exchange IT. With these well established partnerships, DED is strategically placed to meet the current demands and future requirements of all our customers.

The emphasis placed on quality by DED Limited has always worked to our advantage, resulting as it has in the winning of at least one new customer per day over the past year. Many of these new customers have come to us via recommendations from amongst our many satisfied existing customers.

With a 100% inspection and test policy encompassing pre-manufacture inspection, in-process inspection, pre-test inspection and final inspection, customers can be sure that they are purchasing a highly reliable product. Testing is rigorously controlled and all data is collated and analysed using ISO9001 procedures.



Compact Desktop Kiosk

AsuraCPRNT System



The AsuraCPRNT from Star Micronics is the world's first interactive communication platform and printer. It has been designed primarily for Retail environments and offers a solution for printing receipts, tickets and coupons in store, running in store promotions, checking prices, digital signage, endless aisle, queue management/busting, stock checking, loyalty schemes, virtual help desk and more. The list is 'virtually' endless.

At its heart is a powerful ARM processor that manages a 7" touch screen and 80mm printer. The AsuraCPRNT is available with optional integrated MSR, Barcode and NFC readers.

The AsuraCPRNT's computing power offers the capability to display and deliver audio-visual messages on its own screen and external digital signage. The AsuraCPRNT also has the ability to drive applications and web content to other digital devices such as customers' smart phones, merchant tablets and store kiosks.

The AsuraCPRNT has been optimised to support the connection of external peripherals such as a biometric scanner, 3G/4G dongle, WiFi, camera and many others.

Features Include:

- Swivel and tilt 7" LCD touchscreen
- Fast ARM based CPU
- High quality and fast print speed
- Internal "external" power supply
- Internal speaker / microphone
- 3 basic colour LED lighting for multi-colour programmable visual feedback
- Compact footprint for user counter / shelf / kiosk integration
- 32 level greyscale printing
- Electronic lock function
- Black mark support

Check out the AsuraCPRNT website here www.asuracprnt.co.uk

Kiosk Printers

DED's OEM / Kiosk printer range offers something for every kiosk builder, whether looking for a printer to issue a simple receipt or a fully unattended Self Service Kiosk with jam-free presenter and the ability to automatically notify an engineer by email of it's status, DED has the solution.

The range supports paper sizes from 45mm to 112mm wide in a variety of thicknesses up to 150gsm. Printers are available in designs to suit both shallow and deep kiosk designs with options for paper presenters and a variety of interfaces including Serial, Parallel, USB & Ethernet.

Ideally suited for either information kiosks or cashless vending machines, DED has a wealth of kiosk printer knowledge and experience to help you decide on the right kiosk printer for your application.



TUP500 Open Frame Kiosk Printer



Based on the tried and tested TUP900 model, the TUP500 brings new features along with versatility to the kiosk printing marketplace.

The TUP500 prints thermal receipts, tickets, barcodes and labels at the superfast speed of up to 220mm per second with the standard 15cm paper roll. The compact TUP500 offers an easy 'lift and tilt' mechanism for hassle free paper loading of paper stock from 42 – 82.5mm wide and media of up to 0.15mm thick.

Offering a versatile, open frame kiosk printing solution, the TUP500 features removable metal sides as standard so that the paper spindle holders or control panel can be relocated to meet the most demanding of kiosk layouts.

Options on the TUP500 include a flashing paper exit guide/snout which flashes green to direct customers where to remove their receipt/ticket from and flashes red when the paper roll has run out. Another option is the 25cm paper roll holder for horizontal or vertical use (maximum capacity of 18cm in vertical role).

The TUP500 has an energy saving low peak current mode, a reduced top margin as well as a document capture/anti-litter mode for the internal storage of unwanted or forgotten output.

The new TUP500DP Series is a direct response to requests for a more compact TUP500 Series while still providing the reliability and flexibility of an open frame printer designed specifically for the kiosk market. Its specification is the same as the normal TUP500 except for a reduced paper diameter of 10cm.

Interface options include Ethernet, USB, Parallel and Serial and drivers for Windows 2000 and XP are available, plus compatibility with OPOS, Java-POS, Linux, ESC/POS and Microsoft Windows with WHQL certification.

Case studies featuring the Star Micronics TUP500 include:

Velo Vietnamese restaurant in London using the TUP592 for receipt printing in a fast food ordering kiosk

Features Include:

- 80mm paper width
- 220mm per second print speed
- Barcodes, tickets and labels upto 150gsm
- Auto loading mechanism
- Black mark, paper out and adjustable paper low sensors
- Full or partial cut auto-cutter
- Dimensions: 160(W) x 234.1(D) x 179(H)mm (open frame version)
- Centronics Parallel, Serial RS232, USB
- Windows 2000/XP, Linux, Mac, JavaPOS & OPOS Drivers

TUP542WB Thermal Wrist Band Printer



Designed for use at festivals, events, conferences, conventions, healthcare applications or anywhere a wrist band is required for identification purposes; the Star TUP542WB from DED is the first kiosk wristband solution to make wrist band printing easier and more cost-effective to print wrist bands with text, barcodes and graphics on demand. Wrist bands printed on the TUP542WB ensure identification and levels of access can be assessed at a glance, thereby reducing the potential for error and security risks.

The TUP542WB prints thermal wristbands at the superfast speed of up to 220mm per second with a 2.5cm wristband paper roll. The compact TUP542WB offers an easy 'lift and tilt' mechanism for hassle free wristband loading of paper stock of up to 150gsm.

Offering a versatile, open frame kiosk printing solution, the TUP542WB features removable metal sides as standard so that the paper spindle holders/paper guides or control panel can be relocated to meet the most demanding of kiosk layouts.

Thanks to barcode printing capabilities, wrist bands can be printed that make it possible for payment to be taken on entry to events for items such as food and drink and patients can be identified quickly and easily. Barcodes printed on wrist bands are smudge free, proven to withstand water, soaps, foams and alcohol and are scannable for up to 14 days. Quick and easy to print wrist bands come in a variety of colours and sizes and can be securely printed and fastened in less than a minute using an adhesive tab or colour clip.

Interface options include Ethernet, USB, Parallel and Serial and drivers for Windows 2000 and XP are available, plus compatibility with OPOS, Java-POS, Linux, ESC/POS and Microsoft Windows with WHQL certification.

Features Include:

- Direct Line Thermal Printing
- 220mm per second print speed
- Black mark sensor
- Text, Graphics, Barcode printing
- Windows drivers
- Autocutter
- Parallel, Serial, USB or Ethernet option

TUP900 Series Wide Paper Thermal Kiosk Printer



Star has used its experience of the kiosk market to produce a unique wide format (112mm), high speed kiosk printing solution which is available in separate modular units.

Specifically designed for OEM use the TUP900 provides the ultimate in cost effective versatility without compromising on reliability - ideal for unattended public operation for ticketing, gaming, lottery, web kiosks etc.

The TUP900 now has an optional illuminated bezel kit, which has been designed by DED specifically to fit this printer. For more information, please contact the Sales team.

Individual modular units are available for easy integration into kiosks which include:

Printer mechanism and cutter
Main logic board
Presenter unit with document capture
Paper supply unit
Interface board
Power supply

Case studies featuring the Star Micronics TUP900 include:

Intelligent using the TUP900 in their self service Library kiosk for printing receipts

Avery Weigh Tronix using the TUP900 at a weighbridge to print receipts detailing the weight of vehicles

Features Include:

- 58 to 112mm paper widths
- 150mm per second print speed
- Barcodes, tickets and labels upto 150gsm
- Scalable Raster driver automatically scales an A4 page onto 112mm paper
- Auto loading mechanism
- Black mark, paper out and adjustable paper low sensors
- Full or partial cut auto-cutter
- Dimensions: 192(W) x 179(D) x 249(H)mm (excl large roll holder)
- Centronics Parallel, Serial RS232, USB
- Windows 95/98/NT/2000/XP/Vista, Linux, Mac, JavaPOS & OPOS Drivers

TSP100 FuturePRNT Kiosk Series Low Cost, Feature Rich Packaged Kiosk Printer



The TSP100 futurePRNT series is the first range of packaged kiosk printers to offer USB only receipt printing on the market today.

The power that the USB communication interface provides has allowed Star Micronics to build a software driven PoS printer. The advantages of such a printer are evident for applications in retail, hospitality and convenience stores.

USB provides an immediate Plug 'n' Play installation which reduces the integration time to minutes. The TSP100 futurePRNT thermal printer is provided with all standard operating systems drivers (Windows, Linux and Mac) and specialty drivers such as OPOS and JavaPOS.

The new TSP100GT version offers a high print speed of 250mm per second combined with a high gloss piano finish.

The TSP100LAN version features an Ethernet interface with "Keep Alive" feature. This communicates with any networked host and automatically print an error if the connection is lost due to PC / Hub failure or cable damage. In case of failure, an immediate warning is given on screen at the remote location that the printer is offline. At the printer end, a warning message is printed to notify that connection with the host has been lost.

Star has included simple utilities in the drivers that will enhance kiosk applications. These include auto text rotation which prints all output automatically rotated by 180 degrees. Other features include simple logo printing, couponing & font replacement tools. For further information and detailed demonstrations please visit the futurePRNT Website .

Features Include:

- Upto 250mm per second print speed
- "Drop-In & Print", easy paper loading
- Auto text rotation feature
- USB or Ethernet interface
- Star white or charcoal grey case
- 2 colour print capability red/black, blue/black, green/black special paper required
- 80mm print width (standard), 58 mm with guide fitted
- Star Mode, ESC/POS™
- Internal 230VAC power supply (TSP100U, GT & LAN), 24VDC (TSP100PU)
- Dimensions 142mm (W) x 204mm (D) x 132mm (H)
- Windows™, Mac OSX (10.2 or later), Linux CUPS Support™, OPOS™, JavaPOS™, POS for .NET

TSP700II Kiosk Series High Speed Packaged Kiosk Printer



The TSP700II packaged kiosk printer is the fastest printer of its type on the market, with a staggering print speed of 250mm per second.

The TSP700II uses Star's simple "Drop-In & Print" paper loading feature and can accept paper rolls of 58mm, 80mm and 82.5mm wide on tickets of up to 150gsm.

An external paper feed path for large diameter and fan fold tickets is included as standard. The "Auto-Logo" feature allows users to very simply use promotional pictures and logos to enhance their receipts. Download the images to the Flash ROM using the driver/utility, associated a trigger word and the printer will automatically print the coupon whenever the matching word appears in the print

data. Simple and with no software changes required.

Another unique feature of the TSP700II is the automatic text rotation. Simply select this option in the printer driver and all print output will be automatically rotated by 180 degrees.

The TSP700 has a host of extra features including two colour printing, wall and desk mount brackets, interchangeable interfaces and drivers for most operating systems.

Features Include:

- 250mm per second print speed
- "Drop-In & Print" easy paper loading
- Two colour print capability
- Interchangeable RS232C Serial, Centronics Parallel, USB, Ethernet & Wifi interfaces
- Internal or external paper paths
- Black mark sensor for ticket and label applications
- Star white or charcoal grey case
- 24VDC supply (requires Star PS-60 PSU)
- High speed raster and scaleable drivers
- Windows 2000/XP, Vista, WePOS, OPOS, Linux, JavaPOS, POS.Net and Apple MAC OS X drivers

D500 Illuminated Bezel Kit



The illuminated bezel kit is a low cost add-on for use with any printer that prints on paper of up to 80mm wide. It dramatically enhances the quality of the paper output and makes it simpler to route the paper through the case of the kiosk itself.

The standard bezel (D500-01) is a generic product with two fixing holes that can be mounted on the front of a printer or on the inside of the kiosk. The bezel is supplied with a length of cable that can be connected to any 24VDC power source.

An additional kit is available which has been designed specifically for use with the Star Micronics TSP743 (D500-03) printers. This kit consists of the standard bezel mounted on an adaptor which is fixed directly on to the printer using a high strength adhesive pad. The power cable is routed to the rear of the printer and connects directly to the cash drawer connector.

The adaptors are manufactured from charcoal grey plastic to match the printer casing. White adaptors are available for custom orders although a minimum order quantity will apply.

All variants feature a translucent bezel which houses the control PCB and 8 LEDs (4 green and 4 red). The bezel can be operated in two different modes:

Standalone Mode. Simply connect the bezel to any 24VDC power source and when the receipt/ticket is detected the bezel will illuminate and flash green. Once the receipt/ticket is removed the bezel will stop flashing.

Program Mode. In addition to the standalone operation mode it is possible to trigger the flashing of the LEDs by sending commands to the bezel. When used in conjunction with a Star printer this is achieved by sending commands to the cash drawer (peripheral drive) circuit. Sending the "open cash drawer" command to the cash drawer 1 output will trigger the red LEDs to flash, when sent again it will stop them. The "open cash drawer" command sent to the cash drawer 2 circuit will trigger the green LEDs to flash, when sent again it will stop them.

It is also possible to determine if paper is present or not in the bezel output by monitoring the status of the compulsion switch also via the cash drawer circuit.

If used without a Star printer, applying a 0VDC pulse of approx 200 milliseconds to the correct input on the bezel will trigger the green or red LEDs.

Features Include:

- 80mm paper width
- 24VDC
- Green & red LEDs
- Paper present sensor
- Easy to install
- User triggered mode (green & red LEDs)

TSP847II Kiosk Series High Speed Wide Packaged Kiosk Printer



The TSP800 is a very fast thermal barcode, label, receipt and ticket packaged kiosk printer which features a unique paper width of 112mm wide on papers of up to 150gsm in weight and all in a printer only 180mm wide! Without any software changes, the unique scalable Raster drivers allows the TSP800 to print pages which are scaled down from A4 to A6 and still be perfectly readable, making it ideal for use as a compact internet printer or even as a kiosk printer.

The TSP800 uses Star's simple "Drop-In & Print" paper loading feature and can accept paper rolls of various widths. An external paper feed path for large diameter and fanfold tickets is standard. Interfacing is no problem thanks to both ESC/POS (including "Super Large" 40 column mode), DP8340 emulation mode and the traditional Star mode. The TSP800 has a host of extra features

including two colour printing, wall and desk mount brackets, interchangeable interfaces and drivers for most operating systems.

Features Include:

- 150mm per second print speed
- "Drop-In & Print" easy paper loading
- Two colour print capability
- Star white or charcoal grey case
- ESC/POS & DP8340 emulation plus Star print modes
- Interchangeable RS232C Serial, Centronics Parallel, USB or Ethernet interfaces
- Internal or external paper paths
- 24VDC supply (requires Star PS-60 PSU)
- Windows 95/98/NT/XP/Vista, OPOS, Linux CUPS and JavaPOS drivers

NP-211 Thermal Kiosk Printer With Manual Pull Cutter



The NP-211 is a compact printer unit with a manual tear bar which automatically cuts the paper using a serrated edge as the user pulls the printed ticket from the printer.

It weighs only 400g and measures just 84mm wide by 117mm deep, with a height of only 77mm. Due to its low power consumption, the NP-211 is very inexpensive to run, prints 50 mm per second on 58mm wide paper, and comes with drivers for Windows 2000 & XP and a USB or Serial option.

An optional front panel / bezel is available making it easier to integrate the printer into a kiosk. Removing the need to design an appropriate sized hole in the front of the kiosk to line up with where the receipt will be dispensed means

that associated costs with integrating this printer are again reduced.

Features Include:

- 58mm paper width
- 50mm per second print speed
- 8 dots per mm resolution
- RS232C Serial & USB interfaces
- 7 to 14 VDC
- Windows 2000/XP drivers
- Manual pull operation tear bar
- 84mm (W) x 125mm (D) x 77mm (H)

NP-2411 Series Compact Kiosk Printer



Designed with flexibility in mind, the NP-2411 features a small footprint - perfect for the kiosk environment. Ideal for printing in applications such as information kiosks and ticket issue, the NP-2411 features an auto paper loading mechanism, jam free cutter, fully opening print head and a paper low/out indicators.

With dimensions of just 124.6mm wide x 123.5mm deep x 77.3mm high, the printer features a 24VDC supply, drivers for Windows XP/2000/Vista/CE and Linux CUPS and interfaces for USB and RS232C Serial.

Options include a paper bezel and a multi-position large capacity paper roll holder (increases paper capacity from 80mm diameter to 200mm diameter).

Features Include:

- 58mm or 60mm paper width
- 150mm per second print speed
- 8 dots per mm resolution
- RS232C Serial or USB interface
- 24VDC
- Windows 98/2000/XP/Vista/7/CE & Linux Drivers
- Compact footprint
- Jam free autocutter
- 103.6mm (W) x 123.5mm (D) x 77.3mm (H)

NP-2411T Compact Kiosk Printer



Designed with flexibility in mind, the NP-2411T features a small footprint - perfect for the kiosk environment. Ideal for printing in applications such as photo kiosks and parking systems, the NP-2411T features a jam free cutter, fully opening print head and an optional LED bezel.

Printing at speeds of 160mm per second on paper up to 60mm wide, the NP-2411T has dimensions of just 103.6mm wide x 103.4mm deep x 142.5mm high and features a 24VDC supply.

Features Include:

- 2 inch super compact kiosk printer
- Jam free cutter
- Fully openable print head
- Small footprint

NP-2511 Series Thermal Kiosk Printer



The NP-2511 thermal kiosk is designed for applications in temperatures ranging from -20 to +60 degrees C - perfect for the outdoor kiosk environment. Ideal for printing in applications such as information kiosks and ticket issue, the NP-2511 features an auto paper loading mechanism, jam free cutter, fully opening print head and a paper low/out indicators. A black mark sensor enables the NP-2511 to be used with labels and tickets.

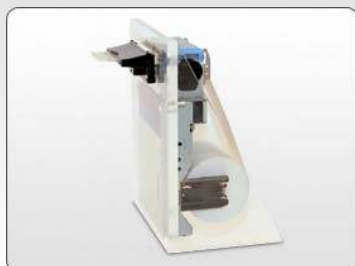
With dimensions of just 106mm wide x 150mm deep x 76mm high, the printer features a 24VDC supply, drivers for Windows XP/2000/Vista/CE and Linux CUPS and interfaces for USB and RS232C Serial.

Options include a bezel (with or without paper detection sensor), paper presenter with retract function and a large capacity, multiple position paper holder which increases the paper capacity from 80mm to 200mm diameter.

Features Include:

- Black mark sensor for labels & tickets
- 58mm or 60mm paper width
- 200mm per second print speed
- 8 dots per mm resolution
- RS232C Serial or USB interface
- 24VDC
- Windows 98/2000/XP/Vista/7/CE & Linux Drivers
- Compact footprint
- Jam free autocutter
- 106mm (W) x 150mm (D) x 75mm (H)
- -20 to +60 degrees C operating temperature

NP-2511V Series Vertically Mounted Thermal Kiosk Printer



The NP-2511V thermal kiosk printer is designed for applications where depth is very limited. The entire printer including an 80mm diameter paper roll can be fitted in a kiosk less than 100mm deep. Ideal for printing in applications such as information kiosks and ticket issue, the NP-2511V features an auto paper loading mechanism, jam free cutter, fully opening print head and a paper low/out indicators. A black mark sensor enables the NP-2511V to be used with labels and tickets.

With dimensions of just 106mm wide x 76mm deep x 200mm high, the printer features a 24VDC supply, drivers for Windows XP/2000/Vista/CE and Linux CUPS and interfaces for USB and RS232C Serial.

Features Include:

- Compact, slimline design
- Black mark sensor for labels & tickets
- 58mm or 60mm paper width
- 200mm per second print speed
- 8 dots per mm resolution
- RS232C Serial or USB interface
- 24VDC
- Windows 98/2000/XP/Vista & Linux Drivers
- Jam free autocutter
- 106mm (W) x 76mm (D) x 200mm (H)
- -20 to +60 degrees C operating temperature

NP-2701 Series Upright Thermal Kiosk Printer



The NP-2701 kiosk printer is designed for applications where there is very little depth - a common situation in many modern kiosks. It consists of a fixed head thermal mechanism, integral cutter, interface, paper roll holder and metal chassis.

The NP-2701 features a paper width of 58mm, drop-in type paper loading and a print speed of 1700mm per second. The power supply is 24VDC. The control codes are Epson ESC/POS compatible making it simple to integrate.

The compact design still allows for a paper roll of 83mm diameter & for added flexibility, options include a bezel or paper presenter with retract function.

Features Include:

- 58mm paper width
- 170mm per second print speed
- 8 dots per mm resolution
- RS232C Serial or USB interface
- 24VDC
- Windows 2000/XP/Vista & Linux Drivers
- 100mm (W) x 112mm (D) x 120mm (H)

NP-K204 Thermal Kiosk Printer



The NP-K204 series of 2 inch thermal kiosk printers offers quality printing and features at an entry level price, the NP-K204 series is ideal for kiosks needing a printer for tickets, receipts, even vouchers.

Designed with ease of use in mind, the NP-K204 series features simple drop in paper loading and prints at 100mm per second on paper up to 58mm wide on a diameter of up to 80mm. The NP-K204 series offers a full or a partial paper cut and features improved ease of paper insertion and feeding via an upper paper entrance slot.

Featuring drivers for Windows 98/2000/XP/Vista and Linux, the NP-K204 series has a small footprint of just 86mm wide x 132.5mm deep x 70mm high, making

it simple to accommodate into even the smallest of kiosks. With USB or RS232C interface options facilitating integration further, the NP-K204 series features an 8.5V DC (NP-K204L) drive and 12V DC (NP-K204M) option making it the perfect kiosk printer for almost any application.

Features Include:

- Direct line thermal printing
- 58mm wide paper
- Full and partial cut
- 86(W) x 132.5(D) x 70(H)mm

NP-K2011/2012 Thermal Kiosk Printer



The NP-K2011/2012 all-in-one 2 inch thermal kiosk printer offers quality printing and features an entry level price. The NP-K2011/2012 is ideal for kiosks needing a printer for tickets, receipts, even vouchers.

Designed with ease of use in mind, the NP-K2011/2012 features simple drop in paper loading and prints at 50mm per second on paper up to 58mm wide. The NP-K2011/2012 offers either an autocutter (full or partial cut) or a tear bar and features improved ease of paper insertion and feeding via an upper paper entrance slot.

Featuring drivers for Windows 98/2000/XP/Vista and Linux, the NP-K2011/2012 has a small footprint of just 81mm wide x 55.5mm deep x 40mm high, making it

simple to accommodate into even the smallest of kiosks. With RS232C interface option facilitating integration further, the NP-K2011/2012 features an 8.5V DC making it the perfect kiosk printer for almost any application.

Features Include:

- Thermal printing
- All-in-one compact printer
- Low cost
- Low voltage

NP-K2052/NP-K2053 Thermal Kiosk Printers



The NP-K2052 and NP-K2053 Kiosk printers offers compact and cost effective direct line thermal dot printers featuring a jam free mechanisms ideal for kiosks needing a printer for tickets, receipts, even vouchers.

Printing at 150mm per second, both the NP-K2052 and the NP-K2053 print 432 dots per line on paper up to 58mm wide. Offering a full or partial cut on both models and presenter on the NP-K2053, the printers come with USB and RS232C Serial interfaces and an operating voltage of DC24V.

Features Include:

- Direct Line Thermal Printer
- 150mm/sec Print Speed
- 24VDC
- USB and Serial Interface

NP-3411 Series Compact Kiosk Printer



Designed with flexibility in mind, the NP-3411 features a small footprint - perfect for the kiosk environment. Ideal for printing in applications such as information kiosks and ticket issue, the NP-3411 features an auto paper loading mechanism, jam free cutter, fully opening print head and a paper low/out indicators.

With dimensions of just 124.6mm wide x 123.5mm deep x 77.3mm high, the printer features a 24VDC supply, drivers for Windows XP/2000/Vista/CE and Linux CUPS and interfaces for USB and RS232C Serial.

Options include a paper bezel and a multi-position large capacity paper roll holder (increases paper capacity from 80mm diameter to 200mm diameter).

Features Include:

- 80mm paper width
- 150mm per second print speed
- 8 dots per mm resolution
- RS232C Serial or USB interface
- 24VDC
- Windows 98/2000/XP/Vista/7/CE & Linux Drivers
- Compact footprint
- Jam free autocutter
- 103.6mm (W) x 123.5mm (D) x 77.3mm (H)

Case studies featuring the Nippon Primex NP-3411 include:

Goldsmiths jewellers using the Nippon Primex NP-3411 in a unique vending machine

NP-3411T Compact Kiosk Printer



Designed with flexibility in mind, the NP-3411T features a small footprint - perfect for the kiosk environment. Ideal for printing in applications such as kiosk terminals, the NP-3411T features a jam free cutter, fully opening print head and an optional LED bezel.

Printing at speeds of 160mm per second on paper up to 80mm wide, the NP-3411T has dimensions of just 124.6mm wide x 103.4mm deep x 142.5mm high and features a 24VDC supply.

Features Include:

- 3 inch super compact printer
- Jam free cutter
- Fully openable print head
- Small footprint

NP-3511 Series Thermal Kiosk Printer



The NP-3511 thermal kiosk is designed for applications in temperatures ranging from -20 to +60 degrees C - perfect for the outdoor kiosk environment. Ideal for printing in applications such as information kiosks and ticket issue, the NP-3511 features an auto paper loading mechanism, jam free cutter, fully opening print head and a paper low/out indicators. A black mark sensor enables the NP-3511 to be used with labels and tickets.

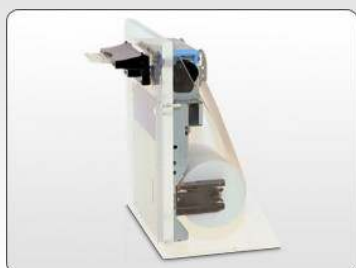
With dimensions of just 106mm wide x 150mm deep x 76mm high, the printer features a 24VDC supply, drivers for Windows XP/2000/Vista/CE and Linux CUPS and interfaces for USB and RS232C Serial.

Options include a bezel (with or without paper detection sensor), paper presenter with retract function and a large capacity, multiple position paper holder which increases the paper capacity from 80mm to 200mm diameter.

Features Include:

- Black mark sensor for labels & tickets
- 80mm paper width
- 200mm per second print speed
- 8 dots per mm resolution
- RS232C Serial or USB interface
- 24VDC
- Windows 98/2000/XP/Vista/7/CE & Linux Drivers
- Compact footprint
- Jam free autocutter
- 106mm (W) x 150mm (D) x 75mm (H)
- -20 to +60 degrees C operating temperature

NP-3511V Vertically Mounted Thermal Kiosk Printer



The NP-3511V thermal kiosk printer is designed for applications where depth is very limited. The entire printer including an 80mm diameter paper roll can be fitted in a kiosk less than 100mm deep. Ideal for printing in applications such as information kiosks and ticket issue, the NP-2511V features an auto paper loading mechanism, jam free cutter, fully opening print head and a paper low/out indicators. A black mark sensor enables the NP-3511V to be used with labels and tickets.

With dimensions of just 127mm wide x 76mm deep x 200mm high, the printer features a 24VDC supply, drivers for Windows XP/2000/Vista/CE and Linux CUPS and interfaces for USB and RS232C Serial.

Features Include:

- Compact, slimline design
- Black mark sensor for labels & tickets
- 80mm paper width
- 200mm per second print speed
- 8 dots per mm resolution
- RS232C Serial or USB interface
- 24VDC
- Windows 98/2000/XP/Vista/CE & Linux Drivers
- Jam free autocutter
- 127mm (W) x 76mm (D) x 200mm (H)
- -20 to +60 degrees C operating temperature

NP-345 Series Thermal Fan-Fold Ticket Kiosk Printer



The NP-345 thermal ticket printer assembly uses an 80mm thermal printer mechanism and is capable of accepting perforated ticket stock of up to 80mm x 152.4mm. It features an all metal construction with plastic front bezel and slide out mechanism for quick and simple paper loading. It is suited to gaming applications due to it's compact size and ability to print dollar bill sized tickets. Standard barcodes can also be printed.

The standard ticket capacity is 200-300 tickets with an optional 1000 sheet feeder. Both RS232C Serial & USB interface versions are available.

The control codes are Epson ESC/POS compatible & Windows 2000/XP/Vista & Linux CUPS drivers are available.

Features Include:

- Maximum 80mm paper width
- 70mm per second print speed
- 8 dots per mm resolution
- Fan-fold ticket stock of upto 80mm x 142.4mm
- Accepts up to 145gsm thick tickets
- RS232C Serial or USB interface
- 24VDC
- Windows 98/2000/XP/Vista & Linux Drivers
- 113mm (W) x 281mm (D) x 67.5mm (H) excl 1000 ticket stacker

NP-3512 Series Thermal Fan-Fold Ticket Kiosk Printer



The NP-3512 thermal ticket printer is ideally suited to application in harsh environments thanks to a wide operating temperature range of -10 to +60 degrees C. An integrated auto-cutter and black mark sensor feature as standard.

The 80mm thermal printer mechanism is capable of accepting perforated ticket stock of up to 80mm x 165mm and the ticket tray is adjustable from 65mm to 80mm wide.

The NP-3512 is Epson ESC/POS compatible & Windows 2000/XP/Vista & Linux CUPS drivers are available. The interface is a choice of either RS232C Serial or USB.

Features Include:

- Maximum 80mm paper width
- 200mm per second print speed
- 8 dots per mm resolution
- Fan-fold ticket stock of upto 80mm x 165mm
- Accepts up to 150gsm thick tickets
- RS232C Serial or USB interface
- 24VDC
- Windows 98/2000/XP/Vista/CE & Linux Drivers
- 127mm (W) x 232mm (D) x 82mm (H)

NP-K3052/NP-K3053 Thermal Kiosk Printers



The NP-K3052 and NP-K3053 Kiosk printers offers compact and cost effective direct line thermal dot printers featuring a jam free mechanisms ideal for kiosks needing a printer for tickets, receipts, even vouchers.

Printing at 150mm per second, both the NP-K3052 and the NP-K3053 print 576 dots per line on paper up to 80mm wide. Offering a full or partial cut on both models and presenter on the NP-K3053, the printers come with USB and RS232C Serial interfaces and an operating voltage of DC24V.

Features Include:

- Direct Line Thermal Printer
- 150mm/sec Print Speed
- 24VDC
- USB and Serial Interface

TPSK Series Thermal Kiosk Printer



The TPSK was originally developed to meet the needs of one of the leaders in the fuel pump industry and has since become an unrivalled success in this product sector.

AXIOHM has combined both efficiency and high speed printing with an original concept of manual cutter and integrated paper chute. This patented system insures easy and reliable paper receipt handling.

The TPSK has a frontload Clamshell design in order to ensure easy paper handling. This printer kiosk is delivered with all the necessary accessories. A boot loader allows the customer to easily download firmware for its application needs through the RS232 interface.

Features Include:

- Paper width: 60mm
- 100mm per second print speed
- Printing width: 48mm
- Resolution: 8 dots per mm
- Number of dots: 384
- 24 or 42 Columns
- Character size: 12 x 24 dot or 16 x 24 dot
- Character type: Windows
- Bar code type: Interleaved 2/5, UPC-A, UPC-E, JAN8 (EAN 8), JAN13 (EAN 13), Code 39 and Code 128
- Paper roll diameter: 102mm
- Paper thickness: μm 60
- Paper loading : Clamshell™
- Operating temperature °C: -10 to 70 / 14 to 158
- Operating voltage: 12 or 24V
- Dimensions: 102(W) x 160(D) x 204(H)mm
- Weight: 1700g
- Windows 98/2000/XP/Vista Drivers

Sens' n Print Motion Detecting Paper Presentation Solution



The Axiohm Sens' n Print delivers an eco friendly ticket solution with all the advantages of a ticket presenter / retractor, but with substantial cost savings. Sens' n Print promises to reduce costs and improve the reliability of kiosks by removing the need for a paper presenter without compromise on quality or security. Sens' n Print also offers the benefit of cutting maintenance costs in half.

With the opportunity to minimise paper use and be a friend to the environment, Sens' n Print works in a very unique way. Once a print job is sent to the printer, Sens' n Print holds it and waits until movement is detected near the receipt outlet before printing. If no movement is detected after a pre-determined amount of time, the print job is cancelled, no receipt is printed and so paper

consumption is reduced.

The Sens' n Print unit is ultra compact and when combined with no requirement for ticket presenters, retractors or paper bins, offers the advantage of dramatically reducing the space required inside a kiosk. A combination of Axiohm's printer controller board, a high tech move sense antenna and minimal components makes Sens' n Print a much more compact solution, providing the opportunity to simplify kiosk design.

With fewer moving parts in the kiosk, this new concept could not only reduce the cost of initial investment, but also contribute to cutting maintenance costs – offering significant savings in the short and long run. Sens' n Print is compatible with most of Axiohm's thermal kiosk printers, printer mechanisms and controller boards.

Sens' n Print is compatible with the Axiohm CM/RM & MGTA mechanisms.

Features Include:

- Prints ticket only if required
- Low cost
- Minimises paper wastage
- No moving parts
- Can be integrated into compact kiosk designs
- Improved reliability

KMGA Kiosk Printer



The KMGA kiosk printer features an adjustable print-width system that can accommodate paper of 58, 60, 66, 80 and 82.5 mm, making it perfectly suited for integration into a wide range of kiosk applications.

Its telescopic paper holder offers up to 4 possible configurations and 6 angular positions, the unit fits in any type of design and can handle paper rolls of up to 250mm diameter, thereby providing the perfect solution for unattended kiosk equipments.

This heavy-duty kiosk unit offers high printing speed of up to 180 mm/s, features both RS232 & USB interface, is bestowed with a novel rear lighting system to facilitate maintenance check out, is equipped with paper out & paper low

sensors for accurate monitoring of the paper supply roll, has an extended operating temperature range of 20 to +60 C° , incorporates a highly reliable jam-free guillotine auto cutter guaranteed for up to 4M cuts which is performing full or partial cuts.

Those combined features all contribute to make the KMGA series one of the most reliable and durable kiosk printer on the market, performing extremely well in remote locations and lowering maintenance time and cost.

(A version with presenter / retractor will be available from June 2009)

Features Include:

- Adjustable print-width system
- Telescopic paper roll holder (up to 250mm diameter)
- Anti-paper-jam system
- Handles paper up to 120um thick
- Both RS232C and USB connectors
- Scalable TOF sensor
- Web interface for configuration setup
- Optional presenter / retractor

KP Series Thermal Kiosk Printers



The KP Series of Kiosk Printers offers a range of print widths from 54 to 60mm in a very compact design, making it easy to integrate into almost any kind of environment. Based on static thermal printing technology, the KP series offers high performance with a reduced footprint and all at a very reasonable price.

The KP series of kiosk printers offers attractive features such as a fast print speeds of up to 250mm per second, high quality printing even on thicker paper of up to 185 µm, a paper jam system and a paper roll holder offering the capacity to take larger paper rolls. The KP series of printers also offer a sense and print function.

High performance and flexibility come as standard thanks to different versions of the printers in the KP series. Each printer has its own specific benefit, whether it be a space saving design, the ability to print on thicker paper, high print speed or a larger paper width option, there is sure to be a printer in the KP series to suit almost any kiosk applications.

Features Include:

- Paper Width: 54mm, 58mm, 60mm
- Print Speed: Up to 250mm/second
- Printing Width: 52mm, 56mm
- Resolution: 8 dots/mm
- Number of Dots: 448
- Columns: 28 or 37 maximum
- Bar Code Type: Code 39, 93, 128, Interleaved 2/5, UPC-A, UPC-E, JAN8 (EAN8), JAN13 (EAN13), Codabar, PDF417
- Paper Roll Diameter: Up to 200mm
- Paper Thickness: Up to 185µm
- Paper Loading: Auto Loading
- Operating Voltage: 12 or 24V
- Weight: 960g
- Interface: RS232 or USB 2.0
- Drivers: Windows 2000/XP/Vista/Linux

NP-K209 2 Inch Kiosk Printer



The NP-K209 is a low price super compact printer ideal for many applications due to the flexibility in arm positions, printer position (surface print up or down) and paper out positions. The NP-K209 features a maximum print speed of 150mm per second, 203 dpi and a print width of 58mm.

A choice of interfaces are available including USB 2.0 and RS232C Serial and the NP-K209 features an operating voltage of 12VDC or 24VDC. Offering an auto cutter for either a full or partial cut, the NP-K209 has a near end sensor and bezel option available.

Features Include:

- Low price, small footprint
- Configurable arm and paper out positions
- Maximum 150 mm per second print speed
- 203 dpi
- 58mm paper width
- 48mm print width
- 80mm paper diameter
- USB or RS232C Serial Interface
- 12VDC or 24VDC

Kalpso Kiosk Printer



The Axiohm Kalypso is a 58/60mm kiosk printer designed with years of printing technology experience. Compact and reliable, the Kalypso is based on the Axiohm Triton board (CM/RM Premium series) and includes a state of the art controller board making it the smallest all-in-one printing solution on the market.

Designed with several outstanding features to ease integration, the Kalypso offers the ultimate in flexibility with its adjustable paper roll arm, different paper loading positions, ultra silent top speed printing of up to 250 mm/s, a long life auto cutter offering both full and partial cuts, optimised printing quality and a jam free paper output system. Powered either by 12V or 24V, the Kalypso comes as standard with both USB and RS232 interfaces.

Features Include:

- Paper Width: 60mm
- Print Speed: Up to 250 mm/second
- Printing Width: 56mm
- Resolution: 8 dots/mm 203 dpi
- Number of Dots: 448
- Bar Code Type: 1D and 2D
- Paper Thickness: Up to 190um
- Operating Voltage: 12V and 24V
- Interface: USB and RS232
- Drivers: Windows XP/Vista/7/CE and Linux
- Dimensions (WxDxH): 89mm x 81mm x 72mm

With a robust and reliable design, the Kalypso is particularly suited to harsh environments and applications such as transportation, petrol pumps, parking meters and all outdoor kiosks.

Panel Printers

Panel printers (panel mount) offer the easiest solution to integrate a miniature printer into your equipment panel. They include a printer mechanism and interface housed in a panel mountable enclosure. The thermal and dot matrix panel printer range from DED is one of the most comprehensive available.

Panel printers are available in both low power moving head and high speed fixed head formats and a wide range of paper sizes. Integration is simple thanks to a selection of plastic and metal panel case designs, interface and power supply choices.

Panel mount printer applications range from equipment data logging and gaming machines to self service kiosks.



Asteron 58mm Thermal Printer Mechanism / Panel Printers



The new Asteron panel mount printer mechanism with an integrated paper bucket combines all the outstanding features Axiohm is known for such as high reliability & Clamshell™ design while benefiting from the latest and enhanced integration techniques. Easy to integrate thanks to multiple mounting points, the Asteron has a fast and innovative attachment system that enables the panel printer to be clipped to any panel regardless of its thickness, thereby saving precious time. All the key ingredients for instant integration!

Offering even greater safety and security, the Asteron panel printer features an ergonomic door-opening system with an advanced locking mechanism to prevent the door from opening unexpectedly. Supporting a dual RS232 and TTL or USB connection and available in charcoal or in white, this 5V printing device

responds to the printing needs of both industrial and medical equipments, covering an array of applications: industrial automation and instruments, control process, automotive diagnostics, sterilization equipment, medical measurement and analysis, autoclaves, etc.

The Asteron panel printer is also fully compatible with MaxStick, a new repositionable, liner-free, thermal label by Max International. Perfect for test & measurements, medical applications. Contact sales for more information.

The Asteron is now available with a 10 - 36V converter on the controller board making it suitable for in vehicle use.

Features Include:

- Fixed head thermal panel printer
- 60mm per second print speed
- Printing width: 48mm
- Paper width: 58mm
- Resolution: 8 dots per mm
- Number of dots: 384 dots
- 50mm Paper roll diameter
- 60 um paper thickness
- Clamshell™ paper loading
- Operating voltage: 4.5 - 8VDC
- 50km mechanical life
- Dimensions: 78(W) x 85.7(D) x 57(H) mm (with board)
- Weight: 104g (with board)
- RS232 and TTL or USB interface
- Available in charcoal or white

D211 6 Needle 3U High Panel Printer



The D211 6 needle panel printer assembly consists of a miniature Epson M180 or M183 printer mechanism, styled black plastic case, paper roll, paper low detector together with feed switch and 2 LED's.

The printer case is specifically designed to be installed in a 3U high rack panel. The D211 greatly reduces the time and effort to mount a mechanism and paper roll with cutting edge into a rack system. Paper and ribbon changing is extremely easy as the front of the panel printer hinges down allowing clear access.

The D211 printer can be supplied without an interface and wiring to the mechanism. In this case the user must solder wires to the mechanism, the feed switch, paper low detector and LED's are terminated in an 8 way connector. Alternatively if ordered with the D193 interface the above wiring to the interface is included. The D193 can be selected with serial or parallel interfaces. An optional date and time facility is available.

Features Include:

- 6 needle dot matrix panel printer
- 24 or 42 column versions
- High print speed 1.7 or 0.9 lines/second
- Uses standard paper
- Attractively styled black plastic case
- Connects directly to 3U high rack system
- Paper low detector
- LED's and feed switch
- Integral paper roll holder
- Reading window and tear off edge
- Hinged front panel for easy paper and ribbon changing
- Interfaces can be supplied fixed to unit
- Simple to install

D216 Panel Mount Printer with Rewind



The D216 range of panel mount printers consist of either a 24 column (M180) or 42 column (M183) mechanism, rewind, paper low detector, paper roll holder and feed button housed in a metal enclosure, with an interface mounted on the rear.

The D216 panel printer fits into a 19" rack 3U high and takes up a panel space of 21E wide or alternatively can be panel mounted.

Connection to a serial or parallel source is extremely easy.

A single 5VDC supply is required. The D167 power supply can be used if only mains supply is available.

The paper exits the top of the D216 panel printer. Approximately 55mm of paper (20 lines of information) is displayed before the paper re-enters the bottom of the module, onto the rewind.

Paper and ribbon cassette changing are simple as the front panel hinges down to allow easy access.

Features Include:

- Dot matrix panel printer
- 24 or 42 column versions
- Rewind unit and paper holder internally
- 3U high, 21E wide
- Uses standard paper
- 20 lines of information visible
- Paper feed button
- Paper low detector
- Power or paper end LED indicator
- Parallel: Centronics or Serial: RS232C
- Date and time version
- 5VDC supply

NP-P2061/NP-P2062 2-inch Panel Mount Printer



The NP-P2061 / NP-P2062 are compact and light weight thermal panel mount printers ideal for data logging applications. The NP-P2062 features an auto-cutter (optional) and is available with a flat or curved front panel. It's compact panel printer size ensures it will easily integrate with any mount equipment.

A choice of interfaces are available including RS232C, full speed USB 2.0 and Centronics Parallel. A power input of between 5 and 8.5VDC can be used and has a print speed of a maximum of 100mm per second. Windows printer drivers for 2000 and XP are also available.

Features Include:

- Low voltage (DC5V-8.5V) operation
- Compact and lightweight design
- Cost effective
- Near-empty sensor
- NP-P2061 (without cutter)
- NP-P2062 (with cutter)

DPT-445v Panel Mount Thermal printer



Stable plastic housing with 4" Easy-Paper-Load mechanism for industrial applications.

This thermal printer is able to produce high quality print outs of graphics and barcodes. Further applications are data terminals, measurement and medical technologies. Detailed specifications are available on request.

Features Include:

- Easy handling
- Paperwidth 112mm
- +5-8.2 V DC voltage
- Interfaces: RS232, TTL-serial
- Available completely assembled with controller
- Measurements (W x H x D) 160,5 mm x 138,5 mm x 60mm
- IBM-II-Character + National Characters

Mobile Printers

DED's thermal portable printer range offers a choice of products to suit any application from handheld to vehicle mounted.

Included in the range of portable printers are units offering printing on paper sizes from 58mm to 112mm wide in a variety of thicknesses. Both external power and battery powered versions of printers can be supplied with interfaces including Serial, Parallel, USB and Bluetooth.



SM-S220i Bluetooth Thermal Mobile Printer



The SM-S220i portable receipt printer is Star's first printer approved by Apple, Inc. The SM-S220i printer, unlike most printers, can pair via Bluetooth with the iPod touch, iPhone and iPad. The SM-S220i printer has made it easier than ever to print from the Apple iOS devices that have become ubiquitous in the Point of Sale and Payment industries..

Not only can Star's SM-S220i printer pair with iOS devices but it also supports the Bluetooth SPP protocol, meaning it can pair with devices running most other common operating systems as well. As one of the first printers available with both of these Bluetooth technologies in one device, the SM-S220i will make it easier for resellers to offer a simple hardware solution to merchants that is compatible with all of the popular mobile platforms.

Features Include:

- 2" / 58mm mobile printer
- High print speed of 80mm/sec
- 33% longer battery life
- Bluetooth 2.1 / Serial connections available
- Backlit LCD display
- Apple MFi Certified

The SM-S220i is a compact and light weight printer which supports 2 inch (58mm) thermal paper. Its compact size, long battery life and Bluetooth connection makes it a welcome printer option for retail and hospitality vendors as well as payment processing vendors looking for a mobile solution. Payment processing devices can easily be attached to the SM-S220i through its accessory serial ports making the printer very adaptable for any usage scenario.

A market leader in printing solutions for mobile payment and MPOS applications, Star offers the largest range of MFi supported Bluetooth SPP and WiFi enabled mobile printers along with the markets only MPOS cash drawer supported receipt printer.

Stars experience in hardware integration in the ever-expanding mobile payment market together with their comprehensive multi-product API and SDKs enables developers to easily integrate custom Android, iOS and Windows based apps for retail, hospitality, event ticketing and in-store payment solutions.

SM-T300i Thermal Mobile Printer



The Star Micronics SM-T300i portable receipt printer, unlike most printers, can pair via Bluetooth with the iPod touch, iPhone and iPad. The SM-T300i printer has made it easier than ever to print from the Apple iOS devices that have become ubiquitous in the Point of Sale and Payment industries.

Not only can Star's SM-T300i printer pair with iOS devices but it also supports the Bluetooth SPP protocol, meaning it can pair with devices running most other common operating systems as well. As one of the first printers available with both of these Bluetooth technologies in one device, the SM-T300i will make it easier for resellers to offer a simple hardware solution to merchants that is compatible with all of the popular mobile platforms.

Features Include:

- 3" / 80mm mobile printer
- Print speed of 75mm/sec
- Apple MFi Certified

The SM-T300i is a compact and light weight printer which supports 3 inch (80mm) thermal paper. Its compact size, long battery life and Bluetooth connection makes it a welcome printer option for retail and hospitality vendors as well as payment processing vendors looking for a mobile solution. Payment processing devices can easily be attached to the SM-T300i through its accessory serial ports making the printer very adaptable for any usage scenario.

A market leader in printing solutions for mobile payment and MPOS applications, Star offers the largest range of MFi supported Bluetooth SPP and WiFi enabled mobile printers along with the markets only MPOS cash drawer supported receipt printer.

Stars experience in hardware integration in the ever-expanding mobile payment market together with their comprehensive multi-product API and SDKs enables developers to easily integrate custom Android, iOS and Windows based apps for retail, hospitality, event ticketing and in-store payment solutions.



SM-T400i Thermal Mobile Printer



The Star Micronics SM-T400i portable receipt printer, unlike most printers, can pair via Bluetooth with the iPod touch, iPhone and iPad. The SM-T400i printer has made it easier than ever to print from the Apple iOS devices that have become ubiquitous in the Point of Sale and Payment industries.

Not only can Star's SM-T400i printer pair with iOS devices but it also supports the Bluetooth SPP protocol, meaning it can pair with devices running most other common operating systems as well. As one of the first printers available with both of these Bluetooth technologies in one device, the SM-T400i makes it easier to offer a simple hardware solution to merchants that is compatible with all of the popular mobile platforms.

The SM-T400i is a compact printer which supports 4 inch (112mm) thermal paper. Its compact size, long battery life and Bluetooth connection makes it a welcome printer option for retail and hospitality vendors as well as payment processing vendors looking for a mobile solution. Payment processing devices can easily be attached to the SM-T400i through its accessory serial ports making the printer very adaptable for any usage scenario.

A market leader in printing solutions for mobile payment and MPOS applications, Star offers the largest range of MFi supported Bluetooth SPP and WiFi enabled mobile printers along with the markets only MPOS cash drawer supported receipt printer.

Stars experience in hardware integration in the ever-expanding mobile payment market together with their comprehensive multi-product API and SDKs enables developers to easily integrate custom Android, iOS and Windows based apps for retail, hospitality, event ticketing and in-store payment solutions.

Features Include:

- 4" / 112mm mobile printer
- Print speed of 70mm/sec
- Apple MFi Certified

SM-S200 Direct Line Mobile Thermal Printer



Fast, lightweight and small. Star's new range of wireless mobile printers provide easy to use printing solutions for delivery receipts; field service estimates, reports, parts lists; inventory management schedules; mobile point of sale receipting and sales orders to name just a few applications.

The SM-S200 is a sophisticated 58mm mobile printer with Blue Light LCD Display. A pocket size printer capable of producing high quality output at a fast 80mm/second with Bluetooth and Serial connections as well as a cover open sensor and power save facility.

A market leader in printing solutions for mobile payment and MPOS applications, Star offers the largest range of MFi supported Bluetooth SPP and WiFi enabled mobile printers along with the markets only MPOS cash drawer supported receipt printer.

Stars experience in hardware integration in the ever-expanding mobile payment market together with their comprehensive multi-product API and SDKs enables developers to easily integrate custom Android, iOS and Windows based apps for retail, hospitality, event ticketing and in-store payment solutions.

Features Include:

- Direct line thermal printing
- 80mm/second print speed
- 58mm paper width
- 48mm print width
- 203 dpi print resolution
- Battery duration of 6 hours
- 80.5 (W) x 113.5 (D) x 46 (H) mm

SM-T300 Direct Line Thermal Mobile Printer



Fast, lightweight and small. Star's new range of wireless mobile printers provide easy to use printing solutions for delivery receipts; field service estimates, reports, parts lists; inventory management schedules; mobile point of sale receipting and sales orders to name just a few applications.

The SM-T300 is an ultra rugged 80mm mobile printer with LCD Display and WiFi version. With IP54 dust / splash proof certification, the SM-T300 is available with or without the magnetic stripe reader with Bluetooth and WiFi options.

A market leader in printing solutions for mobile payment and MPOS applications, Star offers the largest range of MFi supported Bluetooth SPP and WiFi enabled mobile printers along with the markets only MPOS cash drawer supported receipt printer.

Stars experience in hardware integration in the ever-expanding mobile payment market together with their comprehensive multi-product API and SDKs enables developers to easily integrate custom Android, iOS and Windows based apps for retail, hospitality, event ticketing and in-store payment solutions.

Features Include:

- Direct line thermal printing
- 75mm/second print speed
- 80mm paper width
- 72mm print width
- 203 dpi print resolution
- Battery duration of 8 hours
- 120 (W) x 130.5 (D) x 58.4 (H) mm

SM-S300 Direct Line Mobile Thermal Printer



Fast, lightweight and small. Star's new range of wireless mobile printers provide easy to use printing solutions for delivery receipts; field service estimates, reports, parts lists; inventory management schedules; mobile point of sale receipting and sales orders to name just a few applications.

The SM-S300 is an 80mm mobile printer, a pocket sized workhorse with an extended battery life of 10 hours with Bluetooth for wireless communication and Serial for printer settings and set up.

A market leader in printing solutions for mobile payment and MPOS applications, Star offers the largest range of MFi supported Bluetooth SPP and WiFi enabled mobile printers along with the markets only MPOS cash drawer

supported receipt printer.

Stars experience in hardware integration in the ever-expanding mobile payment market together with their comprehensive multi-product API and SDKs enables developers to easily integrate custom Android, iOS and Windows based apps for retail, hospitality, event ticketing and in-store payment solutions.

Features Include:

- Direct line thermal printing
- 65mm/second print speed
- 80mm paper width
- 72mm print width
- 203 dpi print resolution
- Battery duration of 10 hours
- 107.4 (W) x 88.5 (D) x 45 (H) mm

SM-S400 Direct Line Thermal Mobile Printer



Fast, lightweight and small. Star's new range of wireless mobile printers provide easy to use printing solutions for delivery receipts; field service estimates, reports, parts lists; inventory management schedules; mobile point of sale receipting and sales orders to name just a few applications.

The SM-S400 is a 112mm mobile printer with a wide 104mm output for data filled service reports, delivery notes or law enforcement parking or motoring tickets in a compact case.

A market leader in printing solutions for mobile payment and MPOS applications, Star offers the largest range of MFi supported Bluetooth SPP and WiFi enabled mobile printers along with the markets only MPOS cash drawer

supported receipt printer.

Stars experience in hardware integration in the ever-expanding mobile payment market together with their comprehensive multi-product API and SDKs enables developers to easily integrate custom Android, iOS and Windows based apps for retail, hospitality, event ticketing and in-store payment solutions.

Features Include:

- Direct line thermal printing
- 50mm/second print speed
- 112mm paper width
- 104mm print width
- 203 dpi print resolution
- Battery duration of 11 hours
- 138.4 (W) x 88.5 (D) x 45.7 (H) mm

A600 Series Thermal Portable Printer



The A630/A631/A632 portable printers are the most compact family in AXIOHM's receipt printer offering. It is available as a hand-held/belt hung (with a carrying case for hands-free portable printing operations), battery operated unit (A631), as a desktop/wall hung unit (A630), or as an automotive version mainly used in taxis (A632) to meet a wide variety of needs. Its smart design will add value to customer applications. The A631 is built in BluetoothTM.

The A630/A631 portable printer is AXIOHM's first product equipped with the BluetoothTM V1.1 wireless technology. Indeed, the desktop A630 and the battery operated A631 are able to communicate by RF, with any device utilizing a BluetoothTM emitter up to 10m of distance and with a 1 Mb/s data transmission flow, while maintaining the printers' performance. Thanks to this

wireless technology, the dream of a wireless world comes true...

Features Include:

- Upto 55mm per second print speed
- 58mm paper width
- Clamshell paper loading
- RS232C interface (Bluetooth Class 2 on A631)
- ESC/POS emulation
- 9-12VDC converter for in-car applications
- Windows 98/2000/XP/Mobile/Vista /CS-Linux drivers

DP1000 Series Impact Portable Printer



The DP1000 Series are dot matrix portable printers with integrated battery pack. They are ideally suited for any hand-held, vehicle mounted or desktop application.

Each printer has an RS232C Serial interface with 25 way D type connector. The power supply is 5VDC.

The Epson M190 series impact mechanism used in the DP1000 series printer features a print speed of over 2 lines per second and is capable of printing onto 1 original and 1 copy for multipart printing applications.

Features Include:

- Battery operated hand held miniature printers
- Print speed of up to 2.5 lps
- Dot addressable graphics, double width, double height printing
- Integral re-chargeable batteries
- RS232C Serial interface
- Ideal for a wide range of portable or desktop applications

Journal Printers

Journal printers are widely used for remote data logging applications in electronic cash register or point of sale systems such as retail and supermarket applications, DED offers a range of printers from Nippon Primex. All journal printers come with integrated paper rewind feature as standard.

With a choice of paper widths from 58 - 80 mm, print speeds ranging from 85mm to 125mm per second and a range of interfaces including RS232C Serial or USB, DED can offer a solution for all journal printing and data logging applications.



NP-2551 Series Thermal Journal Printer With Rewind



The NP-2551 printer is an open frame journal printer with rewind, ideal for data logging applications where it is necessary to record information but not actually issue a receipt. It consists of a fixed head thermal mechanism, interface, paper roll holder and rewind. Standard barcodes can also be printed.

The printer module is very simple to integrate with existing equipment and the design is compact and lightweight making it easier to install.

The NP-2551 uses 58mm wide paper and print speed is 150mm per second. The interface is RS232C Serial and USB 2.0.

Features Include:

- 58mm paper width
- 150mm per second print speed
- 8 dots per mm resolution
- RS232C Serial and USB interface
- 24VDC
- Windows 2000/XP/Vista/Linux Drivers
- 100mm (W) x 241mm (D) x 110mm (H)
- Paper rewind

NP-2531 Series Thermal Journal Printer With Rewind



The NP-2531 printer is an open frame journal printer with rewind, ideal for data logging applications where it is necessary to record information but not actually issue a receipt. It consists of a fixed head thermal mechanism, interface, paper roll holder and rewind. Standard barcodes can also be printed.

The printer module is very simple to integrate with existing equipment and the design is compact and lightweight making it easier to install. The control codes are Epson ESC/POS compatible making it simple to integrate.

The NP-2531 uses 58mm wide paper and print speed is 80mm per second. The interface is RS232C Serial or USB.

Features Include:

- 58mm paper width
- 80mm per second print speed
- 8 dots per mm resolution
- RS232C Serial and USB interface
- 24VDC
- Windows 2000/XP/Vista/Linux Drivers
- 100.2mm (W) x 174.7mm (D) x 166.1mm (H)
- Paper rewind

NP-3551 Series Thermal Journal Printer With Rewind



The NP-3551 printer is an open frame journal printer with rewind, ideal for data logging applications where it is necessary to record information but not actually issue a receipt. It consists of a fixed head thermal mechanism, interface, paper roll holder and rewind. Standard barcodes can also be printed.

The printer module is very simple to integrate with existing equipment and the design is compact and lightweight making it easier to install. The control codes are Epson ESC/POS compatible making it simple to integrate.

The NP-3551 uses 80mm wide paper and print speed is 125mm per second. The interface is RS232C Serial or USB.

Features Include:

- 80mm paper width
- 125mm per second print speed
- 8 dots per mm resolution
- RS232C Serial or USB interface
- 24VDC
- Windows 2000/XP/Vista/Linux Drivers
- 131mm (W) x 237mm (D) x 110mm (H)
- Paper rewind

Printer Mechanisms

The dot matrix and thermal printer mechanism range from DED offers a wide selection of mechanisms for both low and heavy duty printing in a variety of printer environments.

Dot matrix mechanisms are available in 4, 6, 7, 8 & 9 needle mechanism versions and a wide range of paper sizes and weights. Integration is simple thanks to a variety of size, design, interface and power supply choices. In addition to conventional printer mechanisms, a range of flatbed and platenless versions are available.

The thermal printer mechanism range offers a selection of products for both low and heavy duty printing in a variety of environments. These are available in both low power moving head and high speed fixed head mechanisms and a wide range of paper sizes and weights. Integration is simple thanks to a variety of size, design, interface and power supply choices. Key OEMs in the EFT, gas pumps, ATMs, weighing scales, lottery, gaming, and ECR (Electronic Cash Registers) businesses have all found DED's thermal printer mechanism range ideal for their needs.



Electron 58mm Thermal Printer Mechanism



The Electron has been engineered with ease of customer integration in mind. It's cylindrical shape can be easily integrated into very small areas of 30 mm diameter. In addition, the Clamshell™ design makes paper-roll changing very simple.

A high print speed of up to 70 mm per second and very low voltage make the Electron the ideal solution for battery powered devices. Added to this a high reliability and compact design, the Electron is one of the most powerful mechanisms for the mobile printing market. A chipset for integration with existing electronics is available, alternatively the PICO interface board can be used. An optional tear bar is also available.

Features Include:

- 70mm per second print speed
- Printing width: 48mm
- Resolution: 8 dots per mm
- Number of dots: 384 dot
- Paper width: 58mm
- Clamshell™ paper loading design
- Operating voltage: 2.7-5.5/4-8.5 VDC
- Dimensions: 68.6(W) x 26.3(D) x 030(H) mm
- Weight: 32g
- Operating temp: 0 to 50°C

Asteron 58mm Thermal Printer Mechanism / Panel Printers



The new Asteron panel mount printer mechanism with an integrated paper bucket combines all the outstanding features Axiohm is known for such as high reliability & Clamshell™ design while benefiting from the latest and enhanced integration techniques. Easy to integrate thanks to multiple mounting points, the Asteron has a fast and innovative attachment system that enables the panel printer to be clipped to any panel regardless of its thickness, thereby saving precious time. All the key ingredients for instant integration!

Offering even greater safety and security, the Asteron panel printer features an ergonomic door-opening system with an advanced locking mechanism to prevent the door from opening unexpectedly. Supporting a dual RS232 and TTL or USB connection and available in charcoal or in white, this 5V printing device

responds to the printing needs of both industrial and medical equipments, covering an array of applications: industrial automation and instruments, control process, automotive diagnostics, sterilization equipment, medical measurement and analysis, autoclaves, etc.

The Asteron panel printer is also fully compatible with MaxStick, a new repositionable, liner-free, thermal label by Max International. Perfect for test & measurements, medical applications. Contact sales for more information.

The Asteron is now available with a 10 - 36V converter on the controller board making it suitable for in vehicle use.

Features Include:

- Fixed head thermal panel printer
- 60mm per second print speed
- Printing width: 48mm
- Paper width: 58mm
- Resolution: 8 dots per mm
- Number of dots: 384 dots
- 50mm Paper roll diameter
- 60 um paper thickness
- Clamshell™ paper loading
- Operating voltage: 4.5 - 8VDC
- 50km mechanical life
- Dimensions: 78(W) x 85.7(D) x 57(H) mm (with board)
- Weight: 104g (with board)
- RS232 and TTL or USB interface
- Available in charcoal or white

CM/RM Series 60mm Thermal Printer Mechanism



The CM/RM series are a range of compact yet strong mechanisms for a wide variety of applications. The CM model has a manual tear bar and is ideally suited for low volume data logging applications. The RM model features a compact autocutter yet is only slightly taller than the CM. Print speed is 75mm per second for the 12VDC versions and 90mm per second for the 24VDC versions.

A new addition to the range is the CMDG. This model allows printing on very thick paper of up to 190 gsm for applications such as printing prepaid phone cards and contactless RFID cards as well as labels. Two interface boards are available; the Minicont Para or Compact Board.

Premium versions are now also available.

Features Include:

- 75mm and 90mm per second print speed
- Printing width: 48mm
- Resolution: 8 dots per mm
- Number of dots: 384 dot
- Paper width: 60mm
- Autoloading
- Operating voltage: 10-15.2V / 20-26.4V
- Mechanical reliability: 50km
- Dimensions: 74.5(W) x 65.75(D) x 42.1(H) mm (with cutter) 74.5(W) x 61(D) x 32(H) mm (without cutter)
- Weight: with cutter 250g (without cutter 140g)
- Operating temp: °C 0 to + 50
- Compatible board: Minicont Para; Compact board family

MHT/MCT Series 80/82.5/2x38mm Thermal Printer Mechanism



The MHT/MCT range of mechanisms offer 3 different paper widths including 80mm, 82.5mm and a highly flexible 2 x 38mm. This flexibility is further enhanced by a choice of straight through or clamshell loaded paper paths.

Both 12VDC and 24VDC versions are available as are an auto-cutter or tear bar version. Print speed ranges from 120mm per second for the standard MHTP/MCTP to 180mm per second for the MHTA/MCTA Advanced versions.

For ease of integration, the Compact Board interface can be used with the MHT/MCT.

Features Include:

- 100mm, 120mm and 180mm per second print speed
- Printing width: 72 to 80mm
- Resolution: 8 dots per mm
- Number of dots: 640 dot
- Paper width: 80mm
- Clamshell or auto loading
- Operating voltage: 5 VDC
- Dimensions: With cutter: 122.2(W) x 38.5(D) x 53.3(H) mm / Without cutter: 108.6(W) x 20.8(D) x 49.5(H) mm

MGTA Thermal Printer Mechanism



Built around a robust guillotine auto cutter, the MGTA 80/82.5 mm mechanism features an easy-opening lever option that will, without a doubt, facilitate the design process. Equipped with the famous Axiohm Clamshell™ system, which revolutionized paper loading, MGTA is a self-contained printing module that is easy to integrate into any level of OEM design.

The MGTA printer mechanism features a jam-free and silent guillotine auto cutter that offers both full and partial cuts and is top-of-the-line in longevity -it is guaranteed for 1 million cuts! Accommodating a large paper roll, the mechanism offers high autonomy. The fastest printer in its class (180 mm per second), silent, reliable and long-lasting (mechanical life of 100Km), Axiohm's MGTA mechanism offers tremendous advantages that fit a wide range of applications.

Able to withstand extreme climatic conditions (-20°C to +60°C), the MGTA is the perfect choice for outdoor applications such as ATMs. Thanks to its robust guillotine cutter, the mechanism responds to the demand for printing on thick paper (up to 120 gsm), often used in transportation applications. Available in both 80 and 82.5 mm paper widths and capable of enduring high peaks in printing demand, the printer mechanism also meets the standards of both PoS receipts and lottery/gaming ticketing applications.

Features Include:

- 180(max) mm per second print speed
- Paper width: 80 / 82.5mm
- Printing width: 72 / 80mm
- Resolution: 8 dots per mm
- Number of dots: 640
- Paper thickness: up to 120 um
- Paper loading: Clamshell™ or Auto loading
- Operating voltage range: logic - dot VDC 5 (+/- 5%) 24 (+/- 10%)
- Head pulse life: 1*108pulse
- Mechanical life: 100km
- Dimensions (W x D x H): 112.75 x 66.4 x 41.7mm
- Weight: 370g
- Operating temperature: -20 to 60 / -4 to 140 °C/F
- Cutter: Guillotine auto cutter with full and partial cut
- Cutter life: 1 million cuts
- Compatible board
- Compact Board II sensors
- Door open, paper out options
- Easy opening lever

XA/XB Series High Speed Thermal Printer Mechanism



The XA/XB series are a range of high speed thermal mechanisms with Clamshell paper loading for 80/82.5mm wide paper. They offer the flexibility of positioning the opto sensors for top of form or labelling applications and have two different paper paths. This enables the users to print on different kinds of media such as paper, labels or even linerless labels (no backing paper). Two different print speed variants are available; The XA/XB Standard prints at 130mm per second and the XA/XB Premium prints at a very fast 250mm per second. All models are ideal for applications such as ATM, lottery or PoS printing.

Axiom's patented ceramic self sharpening blade cutter with a life expectancy of one million cuts or more is used and can operate in both partial or full cut modes. It's high mechanical life expectancy of over 150km of paper makes the XA/XB one of the most reliable mechanisms on the market. For ease of integration, the Uniboard interface can be used with the XA/XB.

Features Include:

- 130mm and 250mm per second print speed
- Printing width: 72/80mm
- Resolution: 8 dot per mm
- Number of dots: 876/640 dot
- Paper width: 80/82.5
- Clamshell or Auto loading
- Operating voltage: 4.75-7/24 VDC
- Dimensions: With cutter: 132.5(W) x 78(D) x 87(H) mm / without cutter: 132.5(W) x 78(D) x 85(H) mm
- Weight: 600g
- Operating temp: -10 to 60°C

TMP500 Series 45 - 82.5mm Thermal Printer Mechanism



The TMP500 thermal printer mechanism combines thick paper printing capability (up to 150 gsm) and a paper width of up to 82.5 mm, making it ideal for kiosk, web and report printing applications.

The TMP500 series features a print speed of up to 220mm per second and automatic paper loading. The extremely robust design ensures a mechanical reliability of 60 million lines and a guillotine cutter life of up to 1 million cuts.

For ease of integration, the TBD500 interface can be used with the TMP500.

Features Include:

- Print speed of up to 220mm per second
- Paper width of 45 - 82.5mm
- 60 million lines mechanical reliability
- Weight 790g

TMP900 Series 80 - 112mm Thermal Printer Mechanism



The TMP900 thermal printer mechanism combines thick paper printing capability (up to 150 gsm) and a paper width of up to 112 mm, making it ideal for kiosk, web and report printing applications.

The TMP900 series features a print speed of up to 150mm per second and automatic paper loading. The incredibly powerful 24VDC mechanism is capable of pulling a paper roll of up to 200mm in diameter. The extremely robust design ensures a mechanical reliability of 100 km and an guillotine cutter life of up to 1 million cuts.

A black mark sensor allows the use of a wide range of fixed length tickets or labels in both roll and fan-fold format. Options include a cutter and presenter for

jam free issuing of receipts/tickets.

For ease of integration, the TBD900 interface can be used with the TMP900.

Features Include:

- 150mm per second print speed
- Paper width: 60 to 112mm
- Resolution: 203dpi
- Operating voltage: 24VDC
- 10 million lines/50km reliability
- Dimensions: 162(w) x 94(D) x 50(H)mm (excl presenter)
- Weight: 748g (excl presenter)

MP100 Series 9 Needle Impact Mechanism



The MP100 series are a range of highly reliable impact printer mechanisms designed specifically for the electronic cash register (ECR) market.

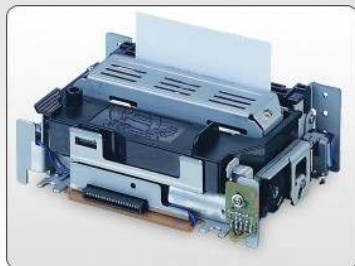
This 9 needle mechanism is capable of high speed bi-directional printing at 3.85 lines per second onto 58mm wide paper. It is available with either single colour (MP111) or twin colour (MP115) printing capability.

Stepper motor control allows for graphics printing and gives the MP100 an incredibly high life of over four million line MCBF. An integrated tear bar and clip-in ribbon cassette ensure that the MP100 is simple to use from an operator point of view.

Features Include:

- 3.85 lines per second print speed
- 57.5/44.5 paper width
- Barcode printing capability
- Highly reliable up to 4 million lines
- MP111/MP-24G-A Dimensions: 111(W) x 106(D) x 55(H) mm/ MP115/MP-24G-A Dimensions: 118.4(W) x 106(D) x 55(H) mm
- Weighs approx. 75g
- Compatible with the BD100 interface

MP200 Series 7 and 9 Needle Impact Mechanism



The MP200 series are a range of low cost, robust impact printer mechanisms. They are particularly useful where a substantial amount of reliable printing is required but space and cost are at a premium.

Up to 1 original and 2 copies can be printed making these printers ideal for EPoS applications. A long life ribbon cassette is used. A high print speed of up to 4.39 lines per second is complemented by a fast paper feed speed of 9 lines per second.

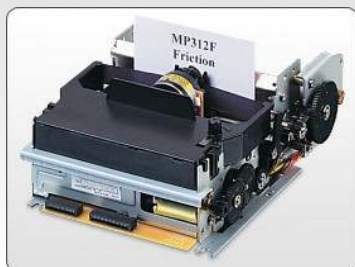
The 7 needle versions of the MP200 are not suitable for graphic printing or applications requiring lower case with descenders.

The MP200 series are available in friction or sprocket paper driven variants with a choice of 12 or 24VDC operating voltages. Other options include an autocutter and a platenless version for slip printing applications.

Features Include:

- Up to 4.39 lines per second print speed
- 76mm wide paper
- 28 to 42 column print width versions
- Operating voltage 12 or 24VDC
- Up to 5 million lines MCBF
- Dimensions: Non cutter version 132(W) x 96(D) x 48(H)mm / cutter versions 142(W) x 108(D) x 78(H)mm / platenless versions 132(W) x 71(D) x 57(H)mm

MP300 Series 9 Needle Impact Mechanism



The MP300 series are a range of highly reliable and robust impact printer mechanisms. They are particularly suited to high demand applications where a large amount of printing is required.

Up to 1 original and 2 copies can be printed making them ideal for EPoS applications. A long life ribbon cassette is used. A high print speed of up to 5.5 lines per second is complemented by a fast paper feed speed of 9 lines per second.

The MP300 series are capable of handling a range of paper types from receipt to label and a choice of paper widths between 57mm and 127mm. Other options includes an autocutter and a platenless version for slip printing applications.

Features Include:

- Up to 5.5 lines per second print speed
- 57 to 127mm wide paper
- 28 to 68 column print width versions
- Operating voltage 12 or 24VDC
- Friction and sprocket versions
- Up to 8 million lines MCBF
- Paper end and black mark sensor option
- Dimensions: MP31x 136.9(W) x 187.9(D) x 65.1(H)mm / MP34x 136.9(W) x 187.9(D) x 84.6(H)mm / MP32x 155.5(W) x 153.5(D) x 65.1(H)mm / MP33x 117.1(W) x 187.9(D) x 65.1(H)mm

MP400/MP500 Series 9 Needle Impact Mechanism



The MP400 and MP500 are a range of bi-directional, logic seeking impact printer mechanisms designed for high speed printing and reliability. The MP400 offers a print speed of 5 lines per second at 24 or 30 columns on paper of 45 or 58mm wide. The MP500 offers a speed of 4 lines per second at 30 or 42 columns on paper of 58 or 76mm wide.

The six position black mark/paper end sensors are supplied as standard on both models and there is also the option of a second sensor available for surface or reverse black mark sensing. The built-in, serrated edge tear bar and highly reliable 9 million lines MCBF and a head life of 100 million characters, make these high performance mechanisms the first choice for many applications.

Features Include:

- Up to 5 lines per second print speed
- 45 to 76mm wide paper
- 24 to 42 column print width versions
- Operating voltage 24VDC
- Up to 9 million lines MCBF
- Paper end and black mark sensor option
- Dimensions: MP400 103(W) x 97(D) x 54.4(H)mm / MP500 125.4(W) x 99.2(D) x 54.1(H)mm

M150/M160/M164 4 Needle Impact Mechanism



The M150 and M160 are a range of compact 4 needle miniature impact printer mechanisms which feature a metal frame and easy to install ribbon cassette.

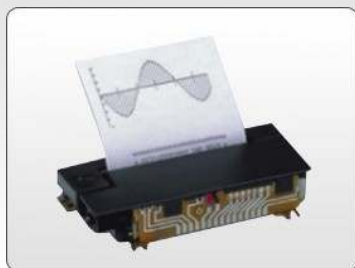
Their low power consumption, compact size and light weight make them ideally suited to portable as well as fixed applications.

The M150 is the smallest model offering 16 print columns on 44.5mm wide paper. The M160 prints at 24 columns and the M164 at 40 columns, both on 57.5mm wide paper.

Features Include:

- Up to 1 line per second print speed
- 44mm or 57mm wide paper
- Operating voltage 3.8 to 5VDC Peak current 3A
- Maximum 50mm diameter paper roll
- M150 dimensions: 73.2(W) x 42.6(D) x 12.8(H)mm
- M160 dimensions: 91(W) x 42.6(D) x 12.8(H)mm
- Weight 60g (M150) and 75g (M160)

M180 Series 6 Needle Impact Mechanism



The M180 series are a range of compact 6 needle miniature impact printer mechanisms which feature a metal frame and easy to instal ribbon cassette. They are based on the M160 series mechanisms but offer an increased print speed thanks to a 6 needle printhead.

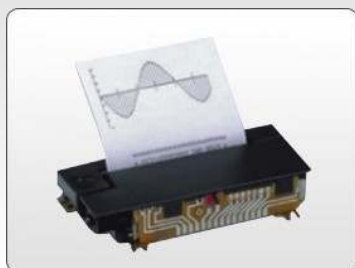
Their low power consumption, compact size and light weight make them ideally suited to portable as well as fixed applications.

The M180 prints at 24 columns and the M183 at 42 columns, both on 57.5mm wide paper.

Features Include:

- Up to 1.7 lines per second print speed
- 57mm wide paper
- Operating voltage 3.8 to 5.5VDC
- Peak current 3A
- Maximum 83mm diameter paper roll
- Dimensions 91(W) x 46.9(D) x 15.8(H)mm
- Weight 95g

M190 Series 8 Needle Impact Mechanism



The M190 series are a range of compact 8 needle miniature impact printer mechanisms which feature a metal frame and easy to instal ribbon cassette. They are based on the M180 series mechanisms but offer an increased print speed thanks to an 8 needle printhead.

Their low power consumption, compact size and light weight make them ideally suited to portable as well as fixed applications.

The M190 prints at 24 columns and the M192 at 40 columns, both on 57.5mm wide paper.

Features Include:

- Up to 2.5 lines per second print speed
- 57mm wide paper
- Operating voltage 3.8 to 5.2VDC
- Peak current 2.5A
- Maximum 83mm diameter paper roll
- Dimensions 91(W) x 46.9(D) x 15.8(H)mm
- Weight 100g

M260/M262 Series 7 Needle Impact Mechanism



The M260 and M262 series are a range of mid size 7 needle impact printer mechanisms which feature a metal frame, easy to instal ribbon cassette and optional auto-cutter.

They are particularly useful where a substantial amount of printing is required but space and cost are at a premium. Standard impact paper is used and up to 1 original and 2 copies can be printed.

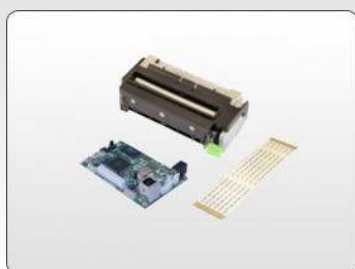
The M260 is a single colour mechanism where as the M262 has red and black print capability. Both mechanisms are suitable for basic graphics printing.

Both models print at 42 columns onto 76mm wide paper. A high print speed of 2.3 lines/second is complemented by a fast paper feed speed of 7 lines/ second.

Features Include:

- Up to 2.3 lines per second print speed
- 76mm wide paper
- Operating voltage 12VDC Peak current 2.2A
- Maximum 83mm diameter paper roll
- Dimensions 122(W) x 83.6(D) x 25.4(H)mm
- Weight 340g

NP-E2042L Mechanism & Control Board Kit



The NP-E2042L is a DC5-8.5V kiosk printer kit which comes as standard with a printer mechanism, interface and cable included.

Designed by Nippon Primex with integration in mind, the NP-E2042L mechanism prints at an impressive speed of 100mm per second on paper of 58mm wide. The control board included in this kit comes with both USB and RS232C as well as a power connector to further aid integration.

Dimensions of the mechanism are just 81.2(W) x 40(D) x 21.6(H)mm and it comes as standard with a V blade guillotine autocutter.

Features Include:

- Mechanism and control board kit
- 100mm per second print speed
- 58mm paper width
- 48mm print width
- Dimensions: 81.2 (W) x 40.0 (D) x 21.6 (H) mm
- USB & RS232C interface
- Operating Voltage: DC5 - 8V
- Autocutter

NP-E2042M Mechanism & Control Board Kit



The NP-E2042M is a DC12V kiosk printer kit which comes as standard with a printer mechanism, interface and cable included.

Designed by Nippon Primex with integration in mind, the NP-E2042M mechanism prints at an impressive speed of 100mm per second on paper of 58mm wide. The control board included in this kit comes with both USB and RS232C as well as a power connector to further aid integration.

Dimensions of the mechanism are just 81.2(W) x 40(D) x 21.6(H)mm and it comes as standard with a V blade guillotine autocutter.

Features Include:

- Mechanism and control board kit
- 100mm per second print speed
- 58mm paper width
- 48mm print width
- Dimensions: 81.2 (W) x 40.0 (D) x 21.6 (H) mm
- USB & RS232C interface
- Operating voltage: DC12V
- Autocutter

NP-E205 Mechanism & Control Board Kit



The NP-E205 is a DC24V kiosk printer kit which comes as standard with a printer mechanism, interface and cable included.

Designed by Nippon Primex with integration in mind, the NP-E205 mechanism prints at an impressive speed of 150mm per second on paper of 58mm wide. The control board included in this kit comes with both USB and RS232C as well as a power connector to further aid integration.

The NP-E205 comes as standard with a V blade guillotine autocutter.

Features Include:

- Mechanism and control board kit
- 150mm per second print speed
- 58mm paper width
- 54mm print width
- Operating voltage: DC24V
- Autocutter

NP-E305 Mechanism & Control Board Kit



The NP-E305 is a DC24V kiosk printer kit which comes as standard with a printer mechanism, interface and cable included.

Designed by Nippon Primex with integration in mind, the NP-E305 mechanism prints at an impressive speed of 150mm per second on paper of 80mm wide. The control board included in this kit comes with both USB and RS232C as well as a power connector to further aid integration.

Dimensions of the mechanism are just 101.2(W) x 40(D) x 21.6(H)mm and it comes as standard with a V blade guillotine autocutter.

Features Include:

- Mechanism and control board kit
- 150mm per second print speed
- 80mm paper width
- 72mm print width
- Operating voltage: DC24V
- Autocutter

NP-K2510A Mechanism & Control Board Kit



The NP-K2510A is a DC24V kiosk printer kit which comes as standard with a printer mechanism, interface and cable included.

Designed by Nippon Primex with integration in mind, the NP-K2510A mechanism prints at an impressive speed of 200mm per second on paper of up to 60mm wide. The control board included in this kit comes with both USB and RS232C as well as a power connector to further aid integration.

Dimensions of the mechanism are just 94.8(W) x 36.8(D) x 49.4(H)mm and it comes as standard with a full cut or partial cut autocutter.

Features Include:

- Mechanism and control board kit
- 200mm per second print speed
- Up to 60mm paper width
- Up to 56mm print width
- Operating voltage: DC24V
- Autocutter

Triton 60 Thermal Printer Mechanism



The Axiohm Triton offers a printer, cutter and controller board all in one compact unit. Based on the proven CM/RM Premium series, the Triton comes to the market backed with years of print technology experience.

The Triton has been designed to provide outstanding features including an ultra silent top printing speed of up to 250mm per second and a long life autocutter (1.5 million cuts) with both full and partial cuts. The Triton can be powered by 12V and 24V and comes with both USB and RS232 interfaces.

The Triton is compact and easy to integrate thanks to its unique frame. Being closely moulded around the print head and the miniaturised controller board, the Triton offers maximum flexibility when it comes to integration due to its size.

Design integration is further simplified thanks to the internal controller board saving valuable space and time.

A dedicated version of the Triton is available for printing on thicker paper and card stock up to 190um thick, making it an ideal printer for pre-paid phone cards, loyalty cards and ID or appointment cards.

With a robust and reliable design, the Kalypso is particularly suited to harsh environments and applications such as transportation, petrol pumps, parking meters and all outdoor kiosks.

Features Include:

- Print Speed: up to 250mm/second
- Print Width: 56mm
- Paper Width: 60mm
- Resolution: 8 dots/mm 203 dpi
- Number of Dots: 448
- Paper Thickness: up to 190um
- Operating Voltage: 12V or 24V
- Mechanical Life: 1.5 million cuts
- Dimensions (WxDxH): 74.5mm x 61mm x 32mm
- Interface: USB and RS232
- Drivers: Windows XP/Vista/7/CE and Linux

Interfaces

DED offer a range of printer interface boards designed specifically to drive thermal mechanisms from Star, Epson, Axiohm and Panasonic.

These printer interfaces are available with a variety of controller interfaces including Serial, Parallel, USB and Ethernet and with power supply options from 5 to 24VDC. Functions such as cutter and rewind drives plus paper low/out and black mark detection for labelling/ticketing are also supported by some of the interfaces.

DED also offers a custom printer interface design and manufacture service for specific project based requirements.



Compact Board II Thermal Interface



The Compact Board II is part of Axiohm's latest generation of boards and is designed to drive new mechanism ranges (CM/RM Premium, MHTA, MGTA), bringing even higher performances in an ultra compact size!

Based on ARM7 platform (32 bits microcontroller), fully ESC/POS compatible and available in dual interfaces USB and RS232, Compact Board II withstands an extended temperature range conditions (-20°C / +60°C) to suit a wide panel of applications. It can manage external opto-sensors for low paper or top of form, giving even more flexibility and features increased size of user flash memory for user defined logos and fonts.

Features Include:

- RS232C Serial and USB
- 36 - 53 characters per line
- 12V or 24V operation
- 128 RAM (up to 512)
- Dimensions: 80 x 80 x 31.5
- Barcode Capability
- Windows 98/2K/XP/Vista and CE-Linux drivers

TPSB Thermal Interface For HTP9012, HTP9024 & CHTP9024 Mechanism



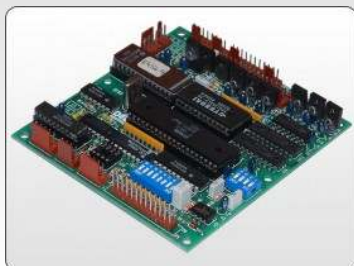
A reliable and cost effective board dedicated to the HTP/CHTP range of thermal printer mechanisms, available in both 12V and 24V versions up to 100mm per second.

The TPSB has already been used and thoroughly tested in products from one of the leaders in the gas pump industry.

Features Include:

- Supported mechanisms: HTP9012, HTP9024 & CHTP9024
- Interfaces: RS232C & TTL
- RAM: 6KB
- Flash ROM: 48KB
- Voltage: 12 or 24VDC
- Cutter support: No
- Drivers: Win 98/2000/XP /Vista/CE-Linux
- Emulation: ESC/POS
- Dimensions: 90 (W) x 78 (D) x 30 (H) mm

D193 Dot Matrix Printer Interface for M160 & M180 Mechanisms



The D193 Series are designed to interface the industry standard M150, M160 and M180 range of miniature print mechanisms to parallel and serial inputs.

By using a 1500 byte RAM buffer, data can be received for subsequent lines while one line is being printed. This enables the full speed of the print mechanism to be realised.

The M180 range of 6 needle mechanisms print up to 1.7 lines per second. The date and time version is battery backed in case of power failure.

Data can be received from Centronics Parallel sources such as IBM PC or AT. Serial versions accept data up to 9600 Baud and in 2 modes DTR or

Features Include:

- Drives 16 to 42 column mechanisms
- Drives 4 and 6 needle M150, M160, M180 mechanisms 1500 character buffer
- Date and time version
- Dot addressable graphics
- Small size: 110mmx100mm
- Fast operation: Prints while receiving data
- Inputs: Parallel Centronics, Serial RS232C, 20mA loop, TTL
- 5VDC supply

XON/XOFF.

All versions print dot addressable graphics and have a full IBM2 character set.

D183V2 Dot Matrix Printer Interface for M262 Mechanism



The D183V2 Series are designed to interface industry standard M260 (black only) and M262 (red/black) print mechanisms to a variety of common input sources at an economical price.

The cutter versions, M260A and M262A are also driven from the D183V2. The cutter cable plugs directly to the board. Both full cut and perforation modes are available. Full cut leaves one small section uncut.

The D183V2 prints 42 columns per line and has a print buffer of 1500 characters. Printing continues while data is being accepted for increased print speed. The dot addressable graphic mode has 210 dots per line available. An IBM2 character set is used. XON/XOFF and DTR modes are available in serial

versions. Printing speed is typically 2.2 lines per second.

In Serial mode, data can be accepted from 300 to 9600 Baud. The printer mechanism is mounted vertically in 'DATAMODE' panel mount operation. It can also be mounted horizontally in 'TEXTMODE' (paper exiting from top of printer) as the printout can be inverted by software or by hardware switch.

A rewind output drives the DAF-220 rewind automatically. Paper end can be monitored and signals output in Parallel and Serial modes. The user can choose to either stop printing immediately or continue.

The D197 power supply plugs directly to the D183V2 and supplies both 12V and 5VDC. A range of plastic and metal housings are available for the printer mechanism.

Features Include:

- Drives {{694/M260/M262 printer series}}
- Drives cutter versions M260A/M262A mechanisms
- 42 characters per line
- 1500 character buffer
- Prints while receiving characters
- Inputs: Centronics Parallel RS232C Serial TTL Serial
- Dot addressable graphic printing
- Double height, double width print modes
- Invert printing for panel mount applications
- IBM2 character set
- Drives DAF-220 rewind
- 12VDC and 5VDC supplies

D200 MP300 Dot Matrix Printer Interface



The D200 Series are designed to interface the highly reliable 40 column fast STAR dot matrix print mechanisms to Parallel or Serial inputs.

Data is received while printing enabling the full speed of the mechanism to be achieved.

The speed and print quality of the MP300 mechanism is particularly suited to EPoS applications. A cutter version of the mechanism enables receipts to be cut.

Paper is under stepper motor control and can be fed forward or backward.

This can be particularly useful when label printing to obviate the necessity to have gaps between labels.

Features Include:

- Drives STAR fast {{202/MP300}} 40 column mechanisms
- Friction or sprocket feed and cutter versions
- Print speed: 3.2 lines/second
- Input formats: Parallel Centronics, Serial RS232C, 20mA Loop,
- 1K character RAM buffer standard(7K optional)
- Date and time option with 1K buffer version
- Code 39 barcode printing
- Dot addressable graphics printing capability
- Cash drawer driver, rewind driver, black mark sensor, cutter driver
- Paper feed forward or backward
- IBM2 character set
- 24VDC, +5VDC power supplies
- High reliability

TBD900 Thermal Interface Board For TMP900 Series



TBD900 Thermal Interface Board For TMP900 Series

The TBD900 offers RS232C Serial, Centronics or USB interfaces with drivers for Windows 98/ Me/ 2000/XP, Linux, Opos and Mac OS X. With 4kb of RAM and a 16MB flash ROM, the voltage on the TBD900 is 24VDC.

Featuring cutter support as standard, the TBD900 offers a Star emulation mode and has dimensions of just 90mm (W) x 120mm (H)

TBD500 Thermal Interface for TMP500 Series



TBD500 Thermal Interface Board For TMP500 Series

The TBD500 offers RS232C Serial, Centronics or USB interfaces with drivers for Windows 98/ Me/ 2000/XP, Linux, Opos and Mac OS X. With 2M x 2 of RAM and a 16MB ROM, the voltage on the TBD500 is 24VDC.

Featuring cutter support as standard, the TBD500 offers a Star emulation mode and has dimensions of just 78mm (W) x 118mm (H)

Plastic Card Kiosk Printers

Kiosks are fast becoming one of the most popular ways to service the public's needs effectively whilst saving time and money on staff. In addition to this, unattended kiosks or kiosks that need minimal supervision are being seen as the way forward for many integrators wanting to minimise maintenance and running costs. When thinking about 'printers' in the context of kiosks, most people would immediately think of tickets, receipts or vouchers as the obvious output, but recent innovations are heading in a new direction - towards card printing.

DED offers two types of card printers for kiosks, a large capacity plastic card printer and a visual card printer.



D330i Large Capacity Kiosk Card Printer



Based on the leading Zebra P330i engine, the D330i has been designed with all of the P330i features plus the addition of input hoppers of 200 or 400 card capacity. This makes the D330i ideally suited to kiosk environments where minimal user intervention is required.

Enclosed in a hard wearing metal case and with the addition of fixing locations at its base, the D330i can be easily integrated into a kiosk. Options on the D330i include a 3 Track Hi/Lo-Co switchable magnetic encoder and Mifare Contactless encoding.

Features Include:

- 200 or 400 card capacity
- Card out and card low warnings
- Uses standard Zebra Windows drivers

TCM300 & TCM400 Series Visual Card kiosk Printer



The TCM300/400 are "thermochromic" visual card printers designed for applications where it is necessary to erase and reprint data on a plastic card. The front surface of the card can be erased and reprinted up to 500 times at 203dpi with text, graphics and barcodes.

Card thickness is 0.20mm for the TCM300 and 0.76mm for the TCM400. The rewritable coating can be supplied to print in blue or black and the cards themselves can be pre-printed in up to 4 colours front and reverse.

The TCM300 is supplied as standard with an integrated 3 track magnetic stripe encoder where as the TCM400 is available with a magnetic stripe and/ or proximity card encoder (Mifare or HID). The input feeder capacity is 200 cards

(0.76mm) and the printers are available with either an RS232C Serial or Centronics Parallel interface. Windows drivers for 2000 and XP are available.

Features Include:

- Re-writable card kiosk printer
- 4-6 second erase and print cycle
- 500 rewrites per card at 203dpi
- 200 card capacity input feeder
- 230VAC mains PSU
- Interface: Serial RS232C or USB
- Windows 2000/XP Drivers

Barcode Scanners

DED offer a range of barcode scanner modules designed for integration within the kiosk environment. The range consists of both single-line, ideal for small to medium demand applications, and multi-line versions, ideal for heavy throughput applications.

All scanners are available with an RS232C, USB or Keyboard Wedge interface. A Windows based configuration software simplifies the setup and testing of barcode and interface parameters.



IS3480 Quantum E Series Omni-Directional/Single Line Laser Scanner Module



The Quantum E is a combination omni-directional and single-line laser barcode scanner. The omni-directional scan pattern offers outstanding scan performance on all standard 1D bar code symbologies. The optional button activated single line mode aids scanning items that contain multiple bar codes although this function is not typically used in OEM applications.

Quantum E is designed for integration with a variety of applications including interactive kiosks, price look up systems, ATMs, vending machines, or a host of other OEM devices. The scanner's main cable connector is located at the top of the unit to facilitate mounting and an auxiliary connector gives users access to several of the I/O signals, providing the flexibility for external connection of the buzzer, button and LEDs.

The unique shape of the QuantumE allows the unit to be mounted in slim profile systems, such as a flat screen monitor, and long scan lines provide scanning at the face. A range of interfaces including RS232C, Keyboard Wedge and USB ensure that connection to the host PC is simple and straightforward.

Features Include:

- Omni-directional or single line modes
- Up to 279mm deep scan field
- Up to 1650 scan lines per second
- Fully automatic scanning operation
- Tapped mounting holes
- Auxiliary connection for external I/O
- MetroSET™ software configuration
- MetrOPOS™ & JavaPOS™ compatible
- RS232C, USB or Keyboard Wedge interface
- Dimensions: 63(W) x 68(H) x 60(D)mm
- 5VDC operating voltage

1400 Series Linear Imaging Module



CipherLab's new 1400 series of Linear Imaging Modules deliver fast scanning at 100 scans per second as well as fast decoding using the latest 16 bit microprocessor. Slimline modules with no moving parts, the 1400 series have Flash memory making software updates simple.

Featuring long range scanning for most applications, the 1400 series delivers decoded output through a CMOS RS232 interface and a range of different scanning resolutions and operational voltages making it ideal for integration into most types of equipment and terminals.

The 1400 series is perfect for applications where only the reader module itself is required.

Features Include:

- All major barcode symbologies supported
- Operation voltages of 3.3 and 5V
- Scan rate of 100 scans per second
- Good read and buzzer driving signals

Vuquest 3310g Area-Imaging Scanner



Honeywell's Vuquest 3310g compact area-imaging scanner offers aggressive scanning of all 1D, PDF and 2D bar codes in a lightweight, durable and portable form factor. The scanner's sleek and elegant design also blends seamlessly in retail environments.

Powered by Adaptus® Imaging Technology 6.0, the Vuquest 3310g delivers superior bar code scanning and digital image capture. Aggressive reading of bar codes on highly reflective surfaces, such as mobile phone screens, eliminates the need to purchase additional specialty hardware.

Designed with the customer in mind, the unobtrusive illumination contained within the 3310g reduces the annoying after-effects commonly associated with the illumination used in imaging-based scanners.

TotalFreedom® expands scanner functionality by allowing decoding and formatting plug-ins to be loaded directly onto the Vuquest, enabling enterprises to rapidly support proprietary or newly-developed symbologies.

The ability to control the triggering of an external device such as a beeper, photo eye or illumination via external I/O capabilities allows the Vuquest to enter new markets once reserved for expensive industrial products.

With its small size, ergonomically-friendly thumb-activated button and clearly visible indicator LEDs, the 3310g offers a dependable handheld or wearable scanning solution. The 3310g also offers universal mounting and robust presentation mode scan performance, making the device an ideal fixed-mount scanning solution for use in light industrial applications and in kiosks.

Features Include:

- Flexible Licensing Solution
- Intelligent Multi-Interface Design
- TotalFreedom 2.0
- Mobile Phone Reading
- High Visibility LED Aimer
- Remote MasterMind™ Ready:



Bespoke Printer Design

Bespoke Design

DED Limited's extensive facilities enable us to design & manufacture bespoke printer solutions tailored to individual customer requirements. Our highly trained staff will work closely with you to establish the design requirements for your specific application and agree a detailed specification. Our resources include advanced 3D CAD, electronic design/prototyping & CE testing facilities. Over the years we have worked on projects ranging from simple modifications of standard products through to full design and manufacture of bespoke products. Below are some examples of previous developments.



Thermal Label Printer

The D162 thermal printer was designed to produce labels in a very harsh environment. It had to be very rugged and be produced of a high grade stainless steel and brass to withstand contamination. The printer has two methods of printing; direct thermal or thermal transfer. In order to make consumable changes easy, the media was loaded into the printer via lockable cassettes which were also developed by DED. The printer also has an integrated barcode wand for the verification of barcodes. The first batch of these printers were produced nearly 20 years ago and are still in operation today.

Panel Mounted Journal Printer

The D290 is a dot matrix panel mounted printer produced for a client who manufactures medical sterilisers. The requirement was to produce a drop-in replacement for an existing printer, not just in terms of physical dimensions but also specific interface cabling & custom AC to DC power converter. The metal housing was colour matched to the customer's equipment and includes screen printed logos and clear viewing window. Internally a red/black dot matrix printer logs all activity which is then stored on a paper rewind for collection at a later date. DED worked closely with the customer to ensure that the transition from the old printer to the new printer took place without any issues.

Illuminated Bezel Kit

The D500 is an illuminated bezel kit for use in kiosks. Following discussions with a number of customers, DED identified that a simple solution to align the paper output from a printer with a kiosk was required. With the progression of kiosk designs, more and more integrators are using standard desktop receipt printers instead of traditional kiosk printers. The advantage is that they are generally lower cost and easier to operate, the downside is that they are less straightforward to integrate. The bezel solves this issue and has the added advantage that it illuminates & flashes when paper is present. The Bezel takes its power from the printer so needs no further wiring. The D500 is an ongoing development and adaptors for other printers will be launched in the future.

Kiosk Plastic Card Printer

With the expansion of the kiosk market and an increase in demand for gift, membership and loyalty cards, DED were asked to produce a card printer suitable for use inside an unattended kiosk. The D330i offered a solution to kiosk applications by modifying a standard Zebra P330i and integrating a hopper capable of holding up to 400 credit card thickness cards. A new metal housing was designed for the printer and hopper which can be fitted on to extendable runners if required for easy access. To control the hopper DED designed a new interface which allows the user to continue using the standard P330i Windows printer drivers, magnetic stripe & smart card encoders.



