

DATASHEET



FLEXIBLE REMOTE VIDEO SURVEILLANCE SOLUTION

The SD Series offers the user a high performance, easy to use plug and play DVR with selectable record duration providing up to 30 or 60 days recording. Now available in 4, 8, 12, 16 and 32 channel models pre-configured to work out of the box, the SD Series offers consistent recording duration and smooth motion video on all cameras. The simplified operation is supported by unified local and remote interfaces, on-screen menus and controls.

AnalyticsCapable **MultiMode** **PowerScript** **TransCoding**

FEATURES

- 4, 8, 12, 16 & 32 video channel models
- Easily selected recording configurations for 7, 14, 30 or 60 days of storage
- Up to 120 PPS total
- 3 USB ports and built-in CD writer; up to 1.5TB internal HDD storage
- Managed Storage Unit via a SATA connection to expand storage capacity up to 10TB
- Auto camera detect and auto record on power-up
- Flexible control options include IR remote, KBC1, KBC2, USB keyboard, USB mouse or remote client; Optional remote keyboard extender kit (KBC/ACC)
- Digital Video Authentication Capability
- Pan Tilt Zoom (PTZ) control using Coaxitron and most popular protocols
- NetVu Connected - ensures interoperability of all Dedicated Micros NetVu connected products and third-party integration products
- **MultiMode** Recording - dynamically switchable resolution, record rate and compression per camera (MPEG-4 & JPEG)
- **TransCoding** - maximizes data transmission over available bandwidth for efficient remote viewing
- Simultaneous record, playback, image archiving and live viewing
- Same local and remote user interface for programming, administration and remote viewing
- Color-coded soft key menus provide consistent operation regardless of the control device used
- Continuous, scheduled, motion or alarm based recording for each video input
- Audio – 1 channel bi-directional, recording and network transmission capable
- Text support for point of sale data applications
- **AnalyticsCapable** on 8, 12 and 16 channel Normal rate units (software upgrade required)
- Compatible with Windows PC, Apple Macintosh, Linux and Sun operating systems



SPECIFICATION

SD 4, 8, 12, 16, 32 channel models		
	Operating System	Embedded
	Dimensions (HxWxD)	3.5" x 17.3" x 17.5"; [89mm x 440mm x 445mm]
	Operating Range	32 - 104° F (0 - 40° C); 5% - 85% humidity non-condensing
	Weight	25 lbs (11.4kg)
Video	Video Inputs	4, 8, 12 and 16 with looping; 32 non-looping, BNC
	Operation	NTSC or PAL capable; simultaneous live, record, playback, remote and internet access
	Maximum PPS, total (NTSC)	4/8 ch. = 60PPS; 12 ch. = 90PPS; 16 and 32 ch. = 60 and 120PPS;
	Recording	MPEG-4 @ QCIF, CIF, 2CIF; JPEG @ QCIF, CIF, 2CIF, 4CIF
	MultiMode (Recording Algorithms)	Dynamically changes record rates, resolutions and compression setting for each camera
	TransCoding	User selectable MPEG-4 and, or JPEG network transmission
	Snapshot/Video Clip	Yes
Audio	Video Outputs	Main (live video resolution = 720 x 448) and Spot
	Audio Line In/Out	1ch bi-directional; Line in: 1Vpk-pk, RCA; Line out: 1V pk-pk, RCA
	Network Audio	Yes
Storage	Local Audio Playback	Real time audio record and playback
	Internal Capacity	4 ch. = 160, 250GB 8 ch. = 250, 500GB; 12 ch. = 500, 750GB; 16 ch. = 320, 500GB, 1TB; 32 ch. = 500GB, 750GB, 1TB, 1.5 TB
	Managed Storage Capabiltiy	Single expansion unit via external SATA connection (available on 8, 12, 16 and 32 ch. models)
Alarms	Export	Built-in CD-R and USB (1 front, 2 rear)
	Alarms and Relays	16 normal open/closed tamper proof inputs; keyswitch alarm; 4 relay outputs
	Relay Output Options	Activity or Alarm
	Alarm Log and Reporting	Yes including alarm reporting by email
	Display Alarm on Monitor	Local or Network (via NetVu Observer)
Networking	Simple Activity Detection	Yes
	NIC Interface	10/100
	Network Features	DHCP Capability, File Export, PTZ Control, Bandwidth Management, Remote Administration, Password Protection, Email Reporting, Built-in Firewall
Other Features	Remote PC Client	NetVu Observer; Windows PC, Apple Macintosh, Linux and Sun compatible
	Remote Web Browser Client	Viewing, Administration and Programming; Windows PC, Apple Macintosh, Linux and Sun compatible
	POS/ATM Text support	Yes
	PTZ Control	Serial and Coax; Dedicated Micros Serial, JVC, Kalatel, Panasonic WV-CS600/WV-CS850, Pelco C, Pelco D, Philips/Philips 232, Samsung, Sanyo, Sensomatic, Ultrak, Vicon, AD Matrix/AD 168-Matrix, Baxall C, BBV C/RS485/Matrix, Dennard/Dennard C, Emitec, MarkMercer, Vantage, VCL/VCL-Matrix, Vista
	Software upgrade	USB, CD or remotely by computer
	Keyboards	DM models KBC1 (PTZ button controls) and KBC2 (built-in PTZ joystick)
	Building Controls, Access Integration	via PowerScript software
	Remote Control	IR remote, 2 standard
	Video Analytics	Optional on 8, 12, 16 and 32 ch. Normal rate units
	Mounting	Desktop, Shelf or Rack
	Serial Ports	4 ports for RS232 and RS 485 connections
	Default Recording Configurations	Normal = 5pps/camera (4, 8, 12 and 16 ch. models) Medium = 2pps/camera (16 and 32 ch. models) Low = 1pps/camera (32 ch. models)
	Warranty	2 Year Advanced Replacement

PRODUCT CODES*

SD 8 CHANNELS, 5PPS PER CAM, GLOBAL 60PPS, 30 DAYS, 250 GB HDD	SD8N30/A
SD 12 CHANNELS, 5PPS PER CAM, GLOBAL 90PPS, 30 DAYS, 500 GB HDD	SD12N30/A
SD 12 CHANNELS, 5PPS PER CAM, GLOBAL 90PPS, 60 DAYS, 750 GB HDD	SD12N60/A
SD 16 CHANNEL, 5PPS PER CAMERA, GLOBAL 120 PPS, 30 DAYS, 500 GB HDD	SD16N30/A
SD 16 CHANNEL, 5PPS PER CAMERA, GLOBAL 120PPS, 60 DAYS, 1 TB HDD	SD16N60/A
SD 32 CHANNELS, 2PPS PER CAM, GLOBAL 120PPS, 60 DAYS, 1.5 TB HDD	SD32M60/A
OPTIONAL ACCESSORIES	
DIGITAL KEYBOARD WITH JOYSTICK	KBC2
DIGITAL KEYBOARD	KBC1
KEYBOARD EXTENDER KIT	KBC/ACC
POS INTERFACE BOX	SIDG
NETVU CONSOLE; REMOTE VIEWING STATION	DVPB/CON

* SEE OUR WEBSITE FOR FULL SD MODEL LISTING

PLEASE CHECK THE WEBSITE OR YOUR LOCAL REPRESENTATIVE FOR PRODUCT ORDERING INFORMATION AND OTHER DEVELOPMENTS

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