Illustra Flex
IP Mini-Domes
Affordable and Versatile Indoor and Outdoor

Indoor

Outdoor

Features That Make a Difference:

- 1MP and 3MP resolution for true HD quality images

- Bandwidth and storage friendly

- True Day/Night (TDN) functionality for a true color image

- 3D noise reduction for sharper images and lower bandwidth use in low light

- IR illuminators for clear images in low light conditions (Outdoor only)

- Motion detection for instant alerts of intruders

- IP66-rated enclosure to protect against dust and water damage (Outdoor only)

- A variety of mounting options for quick and easy installation

- ONVIF 2.2 profile S compliant

The versatile Illustra Flex Mini-Dome, Indoor or Outdoor, is a True Day/Night network camera that provides 1MP and 3MP full HD resolution for high quality images. H.264 and MJPEG video compression provides excellent image clarity, and efficient bandwidth and video storage.

With a small, aesthetically pleasing design, the affordably priced Illustra Flex Mini-Dome offers an effective solution for retail stores, K-12 schools, small bank branches and small to medium size offices with a tight budget and a variety of surveillance needs. With a variety of mounting options making it easy to install, these cameras can be strategically placed to blend into in a variety of interior locations such as the cash register terminal at a retail store, the lobby/corridor of an elementary school or inside a 24 hour ATM vestibule.

Featuring built-in IR illuminators, the outdoor Illustra Flex Mini-Dome produces clear images at an effective distance up to 49 feet in a variety of low light conditions. The outdoor camera also comes with a vandal-resistant housing to protect the camera against external impacts that might occur if an intruder was attempting to take the camera out of operation. With an IP66-rated enclosure, this outdoor mini-dome is ideal in situations where dust or water could damage the camera – a loading dock, parking lot or off-site warehouse.

Specifications

Operational

Video Compression H.264/MJPEG

Max Frame Rate
  Illustra Flex 600 . . . . 720p @ 30ips
  Illustra Flex 800 . . . . 3MP @ 15ips
                                              1080p @ 30ips

ONVIF-Compliant . . . . Yes

Resolutions
  Illustra Flex 600 . . . . 720p (1280x720)
                                              SVGA (800x600)
                                              D1 (720x480)
                                              VGA (640x480)
                                              CIF (352x240)
  Illustra Flex 800 . . . . 3.1MP QXGA (2048x1536)
                                              3MP (2304x1296)
                                              1080p (1920x1080)
                                              SXGA (1280x960)
                                              720p (1280x720)
                                              SVGA (800x600)
                                              D1 (720x480)
                                              4CIF (704x480)
                                              VGA (640x480)
                                              CIF (352x240)

Imager . . . . 1/3″ CMOS

Day/Night . . . . Mechanical ICR

Minimum Illumination
  Indoor . . . . 0.3 lux @ F1.2 color;
                                              0.1 lux b/w
  Outdoor . . . . 0.3 lux at F1.2 color;
                                              0.00 lux in IR Illuminator mode

IR Illuminator (Outdoor) . . . . Effective distance is 15m/49ft,
                                              IR wavelength 850nm

Shutter Speed . . . . 1/7.5~1/8000 sec

Backlight Compensation . . . . Off/On (6 selectable areas)

Lens Focal Length . . . . 3-9mm F1.2 varifocal lens

Field of View (H/V) . . . . Wide Angle: 98°/53°
                                              Telephoto: 33°/19°

White Balance . . . . ATW (2500K~8000K)/Manual

Alarms . . . . Motion detection

Alarm Input/Output 1/1

Audio Input/Output 1/1

Audio Format G.711-Alaw/G.711-Ulaw

Video Output 1

Video Stream . . . . Triple

Wide Dynamic Range . . . . Digital WDR

Digital Noise Reduction 3D

Privacy Zones . . . . Yes, 4

Menu Languages . . . . Arabic, Chinese (Simplified), Chinese (Traditional),
                                              Czech, Danish, Dutch, English (default), Finnish,
                                              French, German, Italian, Japanese, Korean,
                                              Norwegian, Polish, Portuguese, Russian, Spanish,
                                              Swedish, Turkish

Network

Ethernet . . . . RJ-45 connector

Supported Protocols . . . . IPv4, HTTP, HTTPS, TCP, RTSP/RTCP/RTP,
                                              ICMP, UDP, IGMP, DNS, DHCP, ARP, NTP, SMTP

Configuration Management

Web Browsing
Requirements . . . . Internet Explorer 8.0 or above

Security . . . . Multiple user access levels with
                                              password protection

Onboard Storage

Card Support . . . . SDHC/SDXC

Electrical

Power
  Indoor . . . . 12V DC, 24V AC, PoE 802.3af Class 0
  Outdoor . . . . 24V AC, PoE 802.3af Class 0

Power Consumption
  Illustra Flex 600 . . . . Indoor: 6.8W; Outdoor 10.3W
  Illustra Flex 800 . . . . Indoor: 7W; Outdoor 10.5W

Physical

Dimension (DxH)
  Indoor . . . . 125 x 106 mm (4.92 x 4.17 in)
  Outdoor . . . . 147 x 140.5 mm (5.79 x 5.53 in)

Weight
  Indoor . . . . 0.8 kg (1.76 lbs)
  Outdoor . . . . 1.9 kg (4.18 lbs)

Housing Material
  Indoor . . . . Polycarbonate & ABS
  Outdoor ADC12

Housing Color
  Indoor . . . . Pantone Cool Gray 1C
  Outdoor . . . . Light Gray RAL 7035

Operating Temperature
  Indoor . . . . -10°C to 50°C (14°F to 122°F)
  Outdoor . . . . 24V AC power: - 40°C to 50°C (-40°F to 122F°)
                                              PoE power: -10°C to 50°C (14°F to 122°F)

Operating Humidity . . . . 0% to 90%, non-condensing

Storage Temperature . . . . -20°C to 60°C (-4°F to 140°F)

Regulatory

Emissions . . . . FCC Class A; CE Class A

IP Rating . . . . IP66 (Outdoor only)

Ordering Information

Model Numbers	Description
ADCi600F-D111	Illustra Flex 600 Indoor Min-Dome, 1MP, varifocal 3-9mm lens
ADCi600F-D021	Illustra Flex 600 Outdoor Mini-Dome, 1MP, varifocal 3-9mm lens, IR
ADCi800F-D111	Illustra Flex 800 Indoor Mini-Dome, 3MP, varifocal 3-9mm lens
ADCi800F-D021	Illustra Flex 800 Outdoor Mini-Dome, 3MP, varifocal 3-9mm lens, IR

* Unless otherwise noted, all specifications are the same for both Illustra Flex 600 and Illustra Flex 800 Indoor and Outdoor models

Related Products

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Approvals

www.exacq.com/illustra