American Dynamics
From Tyco Security Products

Illustra 600 Series IP Compact Mini-Dome
High-Resolution Discreet Indoor Mini-Dome

Features That Make a Difference:

- 720p and 1080p resolution

- Compact and discreet

- Motion detection

- Soft Day/Night and DSS for better low-light performance

- 3-axis gimbal for easy positioning

- Quick, easy installation and configuration

- Digital wide dynamic range and 2D noise reduction

- Factory focused lens

- 123° horizontal view for surveillance of wide areas (1080p only)

- Corridor mode for an optimal vertical field of view

- IK10-rated to protect against severe impacts

- ONVIF Profile S 2.2-compliant

The Illustra 600 Series IP Compact Mini-Dome is ideal for applications such as retail stores, commercial buildings, healthcare facilities and banks where discretion is important. This camera provides exceptional video quality, easy installation and low-light performance in a small, compact form factor. The size allows the mini-dome to discreetly blend into an existing environment.

Don't let the small size fool you. The Illustra 600 Series Compact Mini-Dome provides crisp and clear high-definition video at 720p and 1080p resolutions. Ideal for surveillance of wide areas, the 1080p model provides a 123° wide horizontal viewing angle. With a detailed resolution of 15 pixels per degree, this camera captures a crisp, clear image of an entire scene, even the perimeter. The camera's corridor mode provides a vertical field of view when a landscape format is not optimal. This feature is ideal for staircases, hallways, aisles and many other applications.

The Illustra Compact Mini-Dome Camera is designed to provide optimal imaging in a variety of lighting conditions with automatic exposure control. Manual exposure controls are available to help further tune the exposure for various lighting conditions. Backlight compensation helps with complex lighting condition where the foreground

objects are too dark. Low-light performance is enhanced via digital slow shutter (DSS) and Soft Day/Night (SDN) technologies.

The Illustra 600 Series Compact Mini-Dome motion detection sensor will send an alert to the operator or an email to any address or hand-held device.

Easy and fast installation is the hallmark of the Illustra camera line. Configuration is simple with our free Illustra Connect configuration software. Illustra Connect ships with all Illustra cameras and is designed to simplify network discovery and configuration. This software saves hours of installation time with remote firmware upgrading to selectable camera groups. Firmware upgrades include setting IP addresses, naming cameras and outputting a summary site audit with the configuration settings of all cameras on the network. The camera is also factory focused so there is no need for additional focusing at installation saving valuable time. And, the image will always be crisp and clear.

The Illustra 600 Series IP Compact Mini-Domes are not only vandal-resistant but have an IK10-rating which protects the cameras against severe impacts. This small camera can take a beating and still provide clear images.

Specifications

Operational

Video Compression . . . . .H.264, MJPEG
Max. Frame Rate. . . . . .30 ips
ONVIF-Compliant . . . . .Yes, Profile S v2.3
Resolution . . . . .1920 x 1080 (Illustra 610 only), 1280 x 720, 800 x 450, 640 x 360 (nHD), 480 x 270, 320 x 180

Imager
   Illustra 600 . . . . .1/4″ CMOS progressive scan
   Illustra 610 . . . . .1/2.7″ CMOS progressive scan
Soft Day/Night. . . . . .On, Off, Auto (with adjustable levels)
Digital Slow Shutter (DSS) . . . .Off, 2X, 4X, 8X (default),16X
Motion Detection . . . . .Yes
Alarms. . . . . .Motion (user selectable ROI, event triggered)
Minimum Illumination . . . . .0.3 lux color, 1/30 s, 30%, AGC on
Shutter Speed. . . . . .1/2~1/5000 sec
Backlight Compensation . . . . .On (center/left/right/top/bottom), Off
Lens Focal Length
   Illustra 600 . . . . .2.83 mm
   Illustra 610 . . . . .2.80 mm
Aperture F2.0
Iris Type. . . . . .Fixed
Factory Focused Distance. . . .1.2 m (3.93 ft)
Depth of Field . . . . .0.56 m (1.82 ft) to ∞
Horizontal/Vertical Field of View
   Illustra 600 . . . . .84.6° / 44.7°
   Illustra 610 . . . . .123.2° / 81.5°
White Balance. ATW1/ATW2/Push/Manual
Lens Bubble
   Transmittance 90%
   Material Type. . . . . .Polycarbonate

Network

Interface . . . . .10/100Base-TX Ethernet Port RJ-45
LED Indicators. . . . . .Power/Network
Supported Protocols . . . . .TCP/IP, IPv4, TCP, UDP, HTTP, FTP, DHCP, WS-discovery, UPnP, DNS, mDNS, DDNS, RTP, Unicast, Multicast, NTP, IETF NTP, SMTP, WS-Security

Configuration Management

Web Browser . . . . .IE8, IE9, IE10, Firefox, Chrome, Safari
Security . . . . .Multi-users, password access, ONVIF Authentication, RTSP Authentication, HTTPS, IP connection log (logs an IP address when an RTSP connection is made)

Onboard Storage

Card Support . . . . .MicroSDHC

Electrical

Power Input. . . . . .PoE IEEE 802.3af, Class 2
Power Draw . . . . .7W maximum, average of 3-5W for normal daily use

Operational

Privacy Zones . . . . .Four definable areas
Text Overlay. . . . . .Yes

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

Physical

   Dimensions. . . . . .55 x 105 x 105 mm (2.17 x 4.13 x 4.13 in)
   Weight . . . . .280 g (0.62 lbs.)
Housing Color . . . . .White (RAL 9003)
Bubble. . . . . .Clear
Operating Temperature
   Illustra 600 . . . . .0°C to 45°C (32°F to 113°F)
   Illustra 610 . . . . .0°C to 40°C (32°F to 104°F)
Humidity . . . . .Up to 85% RH, non-condensing
Storage Temperature. . . . .-40°C to 60°C (-40°F to 140°F)
Accessories Included. . . . . . . .Installation Guide CD, 4 x mounting screws with plastic anchors, 2x security screws. 1x T10 security Torx L-Key, 1x paper mounting template, 4x white plugs

Regulatory

Safety . . . . .UL
Emissions . . . . .FCC Class A, CE; ICES-003/NMB-003 Class A AS/NZS CISPR 22 Class A EMC EU Directive 2004/108/EC
Environmental . . . . .RoHS, WEEE
Vandal-Resistant IK10-rated

Vertical Field of View with Corridor Mode

Horizontal Field of View

Ordering Information

Model #	Description
ADCi600-M111	Illustra 600 Compact Mini-Dome 720p, 2.8mm, PoE, white, clear bubble, vandal resistant
ADCi610-M111	Illustra 610 Compact Mini-Dome 1080p, 2.8mm, PoE, white, clear bubble, vandal resistant
ADCi6MPCAPIW	Illustra 600/610 Compact Mini-Dome pendant cap
ADCMGBXDBL	Illustra 600/610 Compact Mini-Dome double gang box adapter plate
ADCMGBXSGL	Illustra 600/610 Compact Mini-Dome single gang box adapter plate

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Approvals

RoHS 2002/95/EC

CE

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