

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 CompressionH.264, MJPEG
 Max. Frame Rate30 ips
 ONVIF-CompliantYes, Profile S v2.3
 Resolution1920 x 1080 (Illustra 610 only), 1280 x 720,
 800 x 450, 640 x 360 (nHD), 480 x 270,
 320 x 180

Imager

Illustra 6001/4" CMOS progressive scan
 Illustra 6101/2.7" CMOS progressive scan
 Soft Day/NightOn, Off, Auto (with adjustable levels)
 Digital Slow Shutter (DSS)Off, 2X, 4X, 8X (default), 16X
 Motion DetectionYes
 AlarmsMotion (user selectable ROI, event triggered)
 Minimum Illumination0.3 lux color, 1/30 s, 30%, AGC on
 Shutter Speed1/2~1/5000 sec
 Backlight CompensationOn (center/left/right/top/bottom), Off
Lens Focal Length
 Illustra 6002.83 mm
 Illustra 6102.80 mm
ApertureF2.0
Iris TypeFixed
Factory Focused Distance1.2 m (3.93 ft)
Depth of Field0.56 m (1.82 ft) to ∞
Horizontal/Vertical Field of View
 Illustra 60084.6° / 44.7°
 Illustra 610123.2° / 81.5°
White BalanceATW1/ATW2/Push/Manual
Lens Bubble
 Transmittance90%
 Material TypePolycarbonate

Network

Interface10/100Base-TX Ethernet Port RJ-45
 LED IndicatorsPower/Network
 Supported ProtocolsTCP/IP, IPv4, TCP, UDP, HTTP, FTP, DHCP,
 WS-discovery, UPnP, DNS, mDNS, DDNS, RTP, Unicast, Multicast, NTP, IETF
 NTP, SMTP, WS-Security



Vertical Field of View with
Corridor Mode



Horizontal Field of View

Configuration Management

Web BrowserIE8, IE9, IE10, Firefox, Chrome, Safari
 SecurityMulti-users, password access, ONVIF
 Authentication, RTSP Authentication, HTTPS, IP connection log (logs an IP
 address when an RTSP connection is made)

Onboard Storage

Card SupportMicroSDHC

Electrical

Power InputPoE IEEE 802.3af, Class 2
 Power Draw7W maximum, average of 3-5W for normal
 daily use

Operational

Privacy ZonesFour definable areas
 Text OverlayYes

Menu Languages

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

Physical

Dimensions55 x 105 x 105 mm (2.17 x 4.13 x 4.13 in)
 Weight280 g (0.62 lbs.)
 Housing ColorWhite (RAL 9003)
 BubbleClear
Operating Temperature
 Illustra 6000°C to 45°C (32°F to 113°F)
 Illustra 6100°C to 40°C (32°F to 104°F)
HumidityUp to 85% RH, non-condensing
Storage Temperature-40°C to 60°C (-40°F to 140°F)
Accessories IncludedInstallation 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

SafetyUL
 EmissionsFCC Class A, CE; ICES-003/NMB-003 Class A
 AS/NZS CISPR 22 Class A
 EMC EU Directive 2004/108/EC
EnvironmentalRoHS, WEEE
Vandal-ResistantIK10-rated

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



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