

# 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



Vertical Field of View with  
Corridor Mode



Horizontal Field of View

### 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

## 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

## Related Products



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## Approvals



[www.americandynamics.net](http://www.americandynamics.net)