

# Illustra 610 Compact IP Mini-Bullet



## Features That Make a Difference:

- Compact and discreet
- 1080p resolution
- Built-in high power IR LED illuminator
- True Day/Night (TDN) and Wide Dynamic Range (WDR)
- Motion detection
- Quick, easy installation and configuration

The Illustra 610 Compact IP Mini-Bullet camera is ideal for small to medium-sized businesses where affordable, outdoor surveillance is important. This camera provides exceptional video quality, easy installation and configuration, and stays focused in environments with changing light. The compact size allows the camera to blend into any outdoor environment requiring active surveillance.

With 1080p resolution, the camera provides crisp and clear high-definition video. The camera offers various viewing angles including a horizontal view and a corridor mode, which is optimal for places such as a narrow alleyway or any area where a landscape format is not ideal.

The camera provides optimal imaging in a variety of lighting conditions. The camera's illuminator, plus the TDN functionality, gives the camera the ability to stay focused in changing light and deliver video in complete darkness. Further, the camera boasts WDR, which minimizes the effects that glare and high-contrast scenes may have on surveillance video.

Multiple streams of H.264 and MJPEG video compression provide excellent image clarity while efficiently managing bandwidth to reduce storage costs. Additionally, the camera's built-in micro SD/SDHC card slot enables several days of recording to be stored locally on a memory card.

The embedded motion detection sensor allows behaviors to trigger an alert to the operator or an email to any address or handheld device.

The camera configures quickly and easily using the free Illustra Connect software. Illustra Connect ships with all Illustra cameras and simplifies network discovery and configuration. This software saves hours of installation time with remote firmware upgrading to selectable camera groups. The camera is factory focused so there is no need for additional focusing at installation, saving valuable time.

## Specifications

### Camera

Video Compression . . . . . H.264, MJPEG  
 Max Frame Rate . . . . . 30fps in all resolutions  
 Video Streaming . . . . . Dual (2)  
 ONVIF Compliant . . . . . Yes  
 Resolutions . . . . . 1920x1080, 1280x720, 800x450,  
 480x270, 320x180  
 Imager . . . . . Sony EXMOR 1/2.9" 1080p CMOS  
 Day/Night . . . . . TDN  
 Minimum Illumination . . . . . Color: 1.0 Lux  
 B/W: 0 Lux (IR LED On)  
 IR LED . . . . . IR LED x 8 (850nm)  
 IR Working Distance . . . . . 10m (30IRE)  
 Shutter . . . . . 1/2~1/20000 sec  
 Lens Focal Length . . . . . 4.3mm  
 Aperture . . . . . 2.0  
 Field of View . . . . . Horizontal: ~74.4°  
 Vertical: ~40.8°  
 White Balance . . . . . Auto/Push/Manual  
 Alarms . . . . . 1x Alarm In, 1x Alarm Out  
 Wide Dynamic Range . . . . . Digital WDR  
 Privacy Zones . . . . . Yes, 4  
 Backlight Compensation . . . . . Yes, user-designated zones  
 OSD . . . . . Yes, date and user test  
 Menu Languages . . . . . English (default), French, Spanish

### Network

Ethernet . . . . . 10/100Base-T  
 Supported Protocols . . . . . QoS Layer 3 DifferServ, TCP/IP, UDP/IP, HTTP,  
 HTTPS, RTSP, RTCP, RTP/UDP, RTP/TCP,  
 mDNS, UPnP™, SMTP, DHCP, DNS, DynDNS,  
 NTP, SNMPv1/v2c/v3(MIB-II), IGMP, ICMP,  
 SSLv2/v3, TLSv1

### Configuration Management

#### Onboard Storage

Card Type . . . . . 1 micro SD/SDHC slot (card not included)

#### Electrical

Power . . . . . 12V DC, PoE 802.3af  
 Power Consumption . . . . . 4.44W

#### Physical

Weight . . . . . 600g (1.32 lbs.)  
 Dimensions . . . . . 73.5 x 76 x 245 mm (2.89 x 2.99 x 9.65 in)

#### Environmental

Operating Temperature . . . . . 12V DC: -20 °C to 50 °C (-4 °F to 122 °F);  
 PoE: -20 °C to 45 °C (-4 °F to 113 °F)  
 Humidity . . . . . 85% non-condensing

#### Regulatory

Emissions . . . . . FCC Part 15, Class A  
 EN55022, Class A  
 ICES-003/NMB-003, Class A  
 AS/NZS CISPR22, Class A  
 Immunity . . . . . EN50130-4  
 Safety . . . . . UL 60950-1 (2nd Edition)  
 IEC/EN 60950-1  
 CSA C22.2 60950-1  
 Environmental . . . . . RoHS  
 WEEE  
 Impact Rating . . . . . IK10

## Ordering Information

Model Number	Description
ADCi610-M022	Illustra 610 Compact Mini-Bullet, 2MP 1080p

## Related Products



VideoEdge VMS



exacqVision VMS

## Approvals



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