





| IP PTZ Cameras | | | | |
|---------------------------------|---|---|---|---|
| | Illustra 625 PTZ (Indoor and Outdoor) | | IP SpeedDome (35x) | IP SpeedDome (22x) |
| |  | |  |  |
| Min. Illumination (Lux) | Indoor 0.4 color; 0.04 b/w | Outdoor 0.4 color; 0.04 b/w | 0.24 color; 0.028 color with 1/4 sec open shutter; 0.021 b/w IR mode; 0.00041 b/w IR mode with 1/2 sec open shutter | 0.3 color; 0.02 color with 1/2 sec open shutter |
| Lens - Optical Zoom | 20x | | 35x | 22x |
| Wide Angle (FoV) | 55.2° H | | 55.8° H | 47.3° H |
| Telephoto (FoV) | 2.9° H | | 1.7° H | 2.2° H |
| Video Resolution | 1080p, 720p, PAL+, qHD, nHD, 480x270, 320x180, 160x90 | | 320 x 240 to 720 x 480 (NTSC), 320 x 240 to 720 x 576 (PAL) | |
| Max. Frame Rate/ Compression | H.264 | 30ips @ 1080p | Up to 30/25 ips for 4 CIF resolution | |
| | MJPEG | 30ips @ 1080p | Up to 30/25 ips in all resolutions | |
| | MPEG-4 | | Up to 30/25 ips in all resolutions | |
| Manual Pan/Tilt Speed | 0.25°-100° per second (based on zoom manual position) | | 0.25°-100° per second (based on zoom manual position) | |
| Preset Pan/Tilt Speed | 512° per second, max. (Pan) | | 360° per second, max. (Pan) 220° per second, max. (Tilt) | |
| Pan Travel | 360° continuous | | | |
| Tilt Travel | 105° | | 110° | |
| Presets | 96 | | | |
| Power | Indoor 24 VAC and PoE+ 802.3at, Class 4 | Outdoor 24V AC | 12V DC and PoE 802.3af, Class 3 | |
| Model Numbers | Indoor ADCi625-P132 | Outdoor ADCi625-P121 / ADCi625-P122 / ADCi625-P123 / ADCi625-P124 | ADVEIPSD35N / ADVEIPSD35P | ADVEIPSD22N / ADVEIPSD22P |

| Encoders | |
|----------------------------|--|
| |  |
| Resolution | D1, 2CIF, CIF |
| Compression | H.264, MPEG-4, MJPEG |
| Connector Type | Eight BNC |
| Network Interface | Ethernet 10/100/1000 Base-T |
| Supported Protocols | RTP, RTSP, HTTP, UDP, TCP/IP |
| Supported Camera Protocols | American Dynamics RS422 BBV Star Card, Cyberscan 1 Pelco D Pelco P, Phillips TC7560 |
| Dimensions | 141 x 439.5 x 43.6 mm (5.55 x 17.3 x 1.71 in) |
| Model | ADEIP8H (H.264) / ADEIP8M (MPEG-4, MJPEG) |

| Illustra Mini-Dome Mount/Adapter Options | | |
|--|----------------|--|
| Mounts | Environment | Illustra 200/600 Model # |
| Flush | Outdoor | ADCi6FLUSHOB* ADCi6FLUSHOW* |
| Pendant Cap | Indoor/Outdoor | ADCi6DPCAPIW ADCi6DPCAPIB ADCi6DPCAPOB ADCi6DPCAPOW |
| Gooseneck Arm | Indoor/Outdoor | ADCBMARM Black ADL0MARM White |
| Wall | Indoor/Outdoor | ADCi6WALLBK ADCi6WALLWK |
| Corner Mount Adapter | Indoor/Outdoor | ADCCMCRNRO |
| Electrical Box Adapter | Indoor/Outdoor | N/A |
| Pole Mount Adapter | Indoor/Outdoor | ADCCMPOLE |

| Illustra PTZ and IP SpeedDome Mount/Adapter Options | | | |
|---|-------------|--|--------------------------------|
| Mounts | Environment | PTZ | SpeedDome |
| Flush | Indoor | ADCi6PFMKIWC / ADCi6PFMKIWS / ADCi6PFMKIBC / ADCi6PFMKIBS | ADVESDHRDCLGC ADVESDHRDCLGS |
| Bubble Cover | Indoor | ADCiPTZINDWCLR / ADCiPTZINDWSMK / ADCiPTZINDBCLR / ADCiPTZINDBSMK | See chart below |
| I-Beam Mount | Indoor | RHIUIBM | RHIUIBM |
| 2 x 2" Tile Pendant | Indoor | RHIU2X2P | RHIU2X2P |
| 3.5 x 3.5" Mounting Plate | Indoor | RHIU3X3 | RHIU3X3 |
| 4 x 4" Mounting Plate | Indoor | RHIU4X4 | RHIU4X4 |
| Wall/Corner Mount - Short | Indoor | RHIUCM | RHIUCM |
| Short Wall Mount w/End Cap Assembly | Outdoor | RHOSW | RHOSW |
| Long Wall Mount w/End Cap Assembly | Outdoor | RHOLW | RHOLW |
| Over the Roof Mount | Outdoor | RHOTR | RHOTR |
| Over the Roof Mount Adapter | Outdoor | ROTRF | ROTRF |
| Corner Bracket Adapter | Outdoor | RHOWCA | RHOWCA |
| Pole Strap Adapter | Outdoor | RHOWPA | RHOWPA |
| End Cap Assembly | Outdoor | ROENDC | ROENDC |

B or BK = Black W or WK = White S = Silver

| IP SpeedDome Housings/Adapter | | |
|--|----------------|---------------|
| Housing | Environment | SpeedDome |
| Pendant, Clear Bubble | Outdoor | ADVESDHOC |
| Pendant, Smoked Bubble | Outdoor | ADVESDHOS |
| Pendant, Vandal-Resistant, Clear Bubble | Outdoor | ADVESDHOVRC |
| Pendant, Vandal-Resistant, Smoked Bubble | Outdoor | ADVESDHOVRS |
| Clear Bubble | Indoor | ADVESDHIC |
| Smoked Bubble | Indoor | ADVESDHIS |
| Vandal-Resistant, Clear Bubble | Indoor | ADVESDHICVR |
| Vandal-Resistant, Smoked Bubble | Indoor | ADVESDHISVR |
| Hard Ceiling, Clear Bubble | Indoor | ADVESDHRDCLGC |
| Hard Ceiling, Smoked Bubble | Indoor | ADVESDHRDCLGS |
| Base Mount Adapter | Indoor/Outdoor | ADVESDBASE |



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IP Series Cameras

Product Specifications and Technical Data



Comparison Chart

| Illustra 200 Series IP Cameras | | Illustra 600 Series IP Cameras | | | | | | | | | | Illustra 610 Series IP Cameras | | | | | | | | | | | |
|---|-------|---|--|---|--|--|--|--|---|---|---|---|---|--|--|---|--|--|--|---|---|---|------|
| | | 210 Mini-Dome Indoor | 210 Mini-Dome Outdoor | 600 Compact Mini-Dome Indoor | 600 Mini-Dome Indoor | 600 Mini-Dome Outdoor | 600 Mini-Dome Wide Angle | 600 Mini-Dome Telephoto | 600 Bullet Indoor/Outdoor | 600 LT Bullet Indoor/Outdoor | 600 Box Indoor | 600LT Box Indoor | 610 Compact Mini-Dome Indoor | 610 Compact Mini-Bullet | 610 Mini-Dome Indoor | 610LT Mini-Dome Indoor | 610 Mini-Dome Outdoor | 610 Mini-Dome Wide Angle | 610 Mini-Dome Telephoto | 610 Bullet Indoor/Outdoor | 610 Box Indoor | 825 Fisheye | |
| | | Affordable, full-featured | | | High-definition with exceptional video quality | | | | | | | | | | | | | | | | | | |
| | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| Max Frame Rate/Video Compression | H.264 | 30 ips @ D1 | 30 ips @ D1 | 30 ips @ 1280 x 720 | 30 ips @ 1280 x 720 | 30 ips @ 1280 x 720 | 30 ips @ 1280 x 720 | 30 ips @ 1280 x 720 | 30ips @ 1280 x 720 | 30ips @ 1280 x 720 | 30ips @ 1280 x 1024 | 30ips @ 1280 x 1024 | 30ips @ 1920 x 1080 | 30 ips @ 1920 x 1080 | 30 ips @ 1920 x 1080 | 30 ips @ 1920 x 1080 | 30 ips @ 1920 x 1080 | 30 ips @ 1920 x 1080 | 30 ips @ 1920 x 1080 | 30ips @ 1920 x 1080 | 30ips @ 1920 x 1080 | 30 ips @ 1920 x 1080 | |
| | MJPEG | 30 ips @ D1 | 30 ips @ D1 | 30 ips @ 1280 x 720 | 30 ips @ 1280 x 720 | 30 ips @ 1280 x 720 | 30 ips @ 1280 x 720 | 30 ips @ 1280 x 720 | 30ips @ 1280 x 720 | 30ips @ 1280 x 720 | 30ips @ 1280 x 1024 | 30ips @ 1280 x 1024 | 30ips @ 1920 x 1080 | 30 ips @ 1920 x 1080 | 30 ips @ 1920 x 1080 | 30 ips @ 1920 x 1080 | 30 ips @ 1920 x 1080 | 30 ips @ 1920 x 1080 | 30 ips @ 1920 x 1080 | 30ips @ 1920 x 1080 | 30ips @ 1920 x 1080 | 30 ips @ 1920 x 1080 | |
| Resolution Options | | CIF, 2CIF, D1 | CIF, 2CIF, D1 | 720p | CIF, 4CIF, 720p | CIF, 4CIF, 720p | CIF, 4CIF, 720p | CIF, 4CIF, 720p | CIF, 4 CIF, 720p | CIF, 4 CIF, 720p | CIF, 4 CIF, 720p | CIF, 4 CIF, 720p | 720p, 1080p | CIF, 4CIF, 720p, 1080p | CIF, 4CIF, 720p, 1080p | CIF, 4CIF, 720p, 1080p | CIF, 4CIF, 720p, 1080p | CIF, 4CIF, 720p, 1080p | CIF, 4CIF, 720p, 1080p | CIF, 4 CIF, 720p, 1080p | CIF, 4 CIF, 720p, 1080p | CIF, 4CIF, 720p, 1080p | |
| Imager | | 1/2.7" | 1/2.7" | 1/4" | 1/2.7" | 1/2.7" | 1/2.7" | 1/2.7" | 1/3" | 1/3" | 1/3" | 1/3" | 1/2.7" | 1/2.9" | 1/2.7" | 1/2.7" | 1/2.7" | 1/2.7" | 1/2.7" | 1/3" | 1/3" | 1/2.5" | |
| Day/Night | | TDN | TDN | Soft Day/Night | TDN | TDN | TDN | TDN | TDN | TDN | TDN | Color only | Soft Day/Night | TDN | TDN | Color only | TDN | TDN | TDN | TDN | TDN | Color only | |
| Minimum Illumination (Lux) | Color | 0.1 at F1.2 | 0.1 at F1.2 | 0.3 | 0.1 at F1.2 | 0.1 lux at F1.2 | 0.2 lux at F1.8 | 0.2 lux at F1.5 | 0.2 lux at F1.2 | 0.2 lux at F1.2 | 0.2 at F1.2 | 0.2 at F1.2 | 0.3 | N/A | 0.1 at F1.2 | 0.1 at F1.2 | 0.1 at F1.2 | 0.2 at F1.8 | 0.2 at F1.5 | 0.2 at F1.2 | 0.2 at F1.2 | 1.2 lux | |
| | B/W | 0.03 at F1.2 | 0.03 at F1.2 | N/A | 0.03 | 0.03 | 0.05 | 0.05 | 0.01 at F1.2 | 0.01 at F1.2 | 0.01 at F1.2 | N/A | N/A | 0 at F2.0 | 0.03 | N/A | 0.03 | 0.05 | 0.05 | 0.01 at F1.2 | 0.01 at F1.2 | N/A | |
| | IR | 0.00 | 0.00 | N/A | 0.00 | 0.00 | N/A | N/A | N/A | 0.00 | N/A | N/A | N/A | 0 | N/A | N/A | N/A | N/A | N/A | 0.00 | N/A | N/A | |
| IR Illuminator (IR) | | Certain models | Certain models | No | Certain models | Certain models | No | No | All models | All models | N/A | N/A | No | Yes | Certain models | No | Certain models | No | No | All models | N/A | N/A | |
| Lens Type | | 3-9mm varifocal, IR corrected | 3-9mm varifocal, IR corrected | 2.83mm fixed | 3-9mm varifocal, IR corrected | 3-9mm varifocal, IR corrected | 1.8-3mm, IR corrected distortion-free Thelia 183A | 9-40mm, IR corrected Thelia 940A | 3-9mm varifocal | 3-9mm varifocal | C/CS mount lens | C/CS mount lens | 2.80 mm fixed | 4.3mm | 3-9mm varifocal, IR corrected | 3-9mm varifocal, IR corrected | 3-9mm varifocal, IR corrected | 1.8-3mm, IR corrected distortion-free Thelia 183A | 9-40mm, IR corrected Thelia 940A | 3-9mm varifocal | C/CS mount lens | 1.37mm | |
| Horizontal Field of View | | 89° - 36° | 89° - 36° | 84.6° | 89° - 36° | 89° - 36° | 117° - 89° | 30° - 6.9° | 121.2° - 38.1° | 121.2° - 38.1° | Lens not included | Lens not included | 123.2° | 74.4° (H) - 40.8° (V) | 89° - 36° | 89° - 36° | 89° - 36° | 117° - 89° | 30° - 6.9° | 121.2° - 38.1° | Lens not included | 180° | |
| Auto Focus/Motorized Zoom | | Yes | Yes | No | Yes | Yes | No | No | Yes | Yes | N/A | N/A | No | Yes | Yes | Yes | Yes | Yes | No | No | Yes | N/A | No |
| Onboard Analytics | | Motion detection, network loss | Motion detection, network loss | Motion detection | Motion detection, face detection, blur detection, audio alarm, network loss | Motion detection, face detection, blur detection, audio alarm, network loss | Motion detection, face detection, blur detection, audio alarm, network loss | Motion detection, face detection, blur detection, audio alarm, network loss | Motion detection | Motion detection | Motion detection, dry contact | Motion detection, dry contact | Motion detection | Motion Detection | Motion detection, face detection, blur detection, audio alarm, network loss | Motion detection, face detection, blur detection, network loss | Motion detection, face detection, blur detection, audio alarm, network loss | Motion detection, face detection, blur detection, audio alarm, network loss | Motion detection, face detection, blur detection, audio alarm, network loss | Motion detection | Motion detection, dry contact | Motion detection | |
| Audio Connection: Bi-Directional, Half-Duplex | | Yes | Yes | N/A | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | N/A | Yes | Yes | Yes | Yes | Yes | No | |
| Alarm Input/Output | | 2/1 | 2/1 | N/A | 2/1 | 2/1 | 2/1 | 2/1 | 2/1 | 2/1 | 2/1 | 2/1 | N/A | 1/1 | 2/1 | N/A | 2/1 | 2/1 | 2/1 | 2/1 | 1/1 | 2/1 | None |
| Wide Dynamic Range | | 70dB | 70dB | N/A | 70dB | 70dB | 70dB | 70dB | 96dB | 96dB | 96dB | 96dB | N/A | 96dB | 70dB | 70dB | 70dB | 70dB | 70dB | 96dB | 96dB | 82dB | |
| Onboard Storage (SD Card) | | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | No | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | |
| Power Input | | 12V DC 24V AC PoE 802.3af, Class 3 | 24VAC PoE 802.3af, Class 3 PoE+ 802.3af, Class 4 | PoE IEEE802.3af, Class 2 | 12V DC 24V AC PoE, 802.3af, Class 3 | 24VAC PoE+ 802.3af, Class 4 | 24V AC PoE 802.3af, Class 3 PoE+ 802.3af, Class 4 | 24V AC PoE 802.3af, Class 3 PoE+ 802.3af, Class 4 | 12V DC 24V AC PoE, 802.3af, Class 3 | 12V DC 24V AC PoE, 802.3af, Class 3 | 12V DC 24V AC PoE 802.3af, Class 2 | 12V DC 24V AC PoE 802.3af, Class 2 | PoE 802.3af, Class 2 | 12V DC, PoE 802.3af | 12V DC 24V AC PoE 802.3af, Class 3 | PoE 802.3af, Class 3 | 24V AC PoE 802.3af, Class 3 PoE+ 802.3af, Class 4 | 24V AC PoE 802.3af, Class 3 PoE+ 802.3af, Class 4 | 24V AC PoE 802.3af, Class 3 PoE+ 802.3af, Class 4 | 12V DC 24V AC PoE, 802.3af, Class 3 | 12V DC 24V AC PoE 802.3af, Class 2 | PoE 802.3af Class 3 | |
| Power Draw | | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | See data sheet | |
| Operating Temperature | | PoE: -10°C to 50°C (14°F to 122°F) | 24V AC: -40°C to 50°C (-40°F to 122°F) PoE: 4°C to 50°C (40°F to 122°F) PoE+: -30°C to 50°C (-22°F to 122°F) | 0°C to 45°C (32°F to 113°F) | PoE: -10°C to 50°C (14°F to 122°F) | 24V AC: -40°C to 50°C (-40°F to 122°F) PoE: 4°C to 50°C (40°F to 122°F) PoE+: -30°C to 50°C (-22°F to 122°F) | 24V AC: -40°C to 50°C (-40°F to 122°F) PoE: 4°C to 50°C (40°F to 122°F) PoE+: -30°C to 50°C (-22°F to 122°F) | 24V AC: -40°C to 50°C (-40°F to 122°F) PoE: 4°C to 50°C (40°F to 122°F) PoE+: -30°C to 50°C (-22°F to 122°F) | -40°C to 50°C (-40°F to 122°F) | -40°C to 50°C (-40°F to 122°F) | 0°C to 50°C (32°F to 122°F) | 0°C to 50°C (32°F to 122°F) | 0°C to 40°C (32°F to 104°F) | 12V DC: -20 °C to 50 °C (-4 °F to 122 °F); PoE: -20 °C to 45 °C (-4 °F to 113 °F) | PoE: -10°C to 50°C (14°F to 122°F) | PoE: -10°C to 50°C (14°F to 122°F) | 24V AC: -40°C to 50°C (-40°F to 122°F) PoE: 4°C to 50°C (40°F to 122°F) PoE+: -30°C to 50°C (-22°F to 122°F) | 24V AC: -40°C to 50°C (-40°F to 122°F) PoE: 4°C to 50°C (40°F to 122°F) PoE+: -30°C to 50°C (-22°F to 122°F) | 24V AC: -40°C to 50°C (-40°F to 122°F) PoE: 4°C to 50°C (40°F to 122°F) PoE+: -30°C to 50°C (-22°F to 122°F) | -40°C to 50°C (-40°F to 122°F) | 0°C to 50°C (32°F to 122°F) | -10°C to 45°C (14°F to 113°F) | |
| Dimensions | | 135 x 120 mm (5.11 x 4.72 in) | 157 x 147 mm (6.18 x 5.79 in) | 55 x 105 x 105 mm (2.17 x 4.13 x 4.13 in) | 135 x 120 mm (5.11 x 4.72 in) | 157 x 147 mm (6.18 x 5.79 in) | 157 x 147 mm (6.11 x 5.79 in) | 157 x 147 mm (6.18 x 5.79 in) | 97 x 236 mm (3.82 x 9.29 in) | 97 x 236 mm (3.82 x 9.29 in) | 56 x 68 x 114.5 mm (2.2 x 2.67 x 4.51 in) | 56 x 68 x 114.5 mm (2.2 x 2.67 x 4.51 in) | 55 x 105 x 105 mm (2.17 x 4.13 x 4.13 in) | 73.5 x 76 x 245 mm (2.89 x 2.99 x 9.65 in) | 135 x 120 mm (5.11 x 4.72 in) | 135 x 120 mm (5.11 x 4.72 in) | 157 x 147 mm (6.18 x 5.79 in) | 157 x 147 mm (6.18 x 5.79 in) | 157 x 147 mm (6.18 x 5.79 in) | 97 x 236 mm (3.82 x 9.29 in) | 56 x 68 x 114.5 mm (2.2 x 2.67 x 4.51 in) | Body Diameter: 149 mm (5.85 in); Height: Vandal-Resistant 74 mm (2.91in), Non Vandal-Resistant 60 mm (2.36in) | |
| Outdoor Rating | | N/A | IP66/IP67 | N/A | N/A | IP66/IP67 | IP66/IP67 | IP66/IP67 | IP66 | IP66 | N/A | N/A | N/A | IP66 | N/A | N/A | IP66/IP67 | IP66/IP67 | IP66/IP67 | IP66 | N/A | IK10 | |
| Vandal Resistant | | IK10-rated | IK10-rated | IK10-rated | IK10-rated | IK10-rated | IK10-rated | IK10-rated | Yes | Yes | N/A | N/A | IK10-rated | Yes | IK10-rated | IK10-rated | IK10-rated | IK10-rated | IK10-rated | Yes | N/A | Yes | |
| Housing Color | | White | White | White | White or black | White or black | White or black | White or black | White or black | White or black | White | White | White | White | White or black | White | White or black | White or black | White or black | White or black | White | White | |
| Model Numbers | | ADCi210-D111 ADCi210-D011 ADCi210-D113 ADCi210-D013 | ADCi210-D121 ADCi210-D021 ADCi210-D123 ADCi210-D023 | ADCi600-M111 | ADCi600-D111 / D011 ADCi600-D113 / D013 ADCi600-D131 / D031 ADCi600-D133 / D033 | ADCi600-D121 / D021 ADCi600-D123 / D023 ADCi600-D141 / D041 ADCi600-D143 / D043 | ADCi600-D321 ADCi600-D323 ADCi600-D341 ADCi600-D343 | ADCi600-D521 ADCi600-D523 ADCi600-D541 ADCi600-D543 | ADCi600-B021 ADCi600-B041 | ADCi600LT-B021 | ADCi600-X011 | ADCi600LT-X011 | ADCi610-M111 | ADCi610-M022 | ADCi610-D111 / D011 ADCi610-D113 / D013 ADCi610-D131 / D031 ADCi610-D133 / D033 | ADCi610LT-D111 ADCi610LT-D113 | ADCi610-D121 / D021 ADCi610-D123 / D023 ADCi610-D141 / D041 ADCi610-D143 / D043 | ADCi610-D321 ADCi610-D323 ADCi610-D341 ADCi610-D343 | ADCi610-D521 ADCi610-D523 ADCi610-D541 ADCi610-D543 | ADCi610-B021 ADCi610-B041 | ADCi610-X011 | ADCi825-F311, ADCi825-F312 | |