# **XVICON**

#### AI ANALYTICS INSIDE

# V2000-WIR-360 Series Roughneck Al Remote Positioning Multi-Sensor

NDAA GSA Onvif TAA

### Over<u>view</u>

A single Roughneck<sup>®</sup> Al Multi-Sensor (with a single IP address and cable) replaces four separate cameras, at a fraction of the cost, to cover the same viewing area. For example, Vicon's 32MP Multi-Sensor can take the place of four individual 8MP cameras. You'll get the same overall coverage, but you're reducing the time and expense of installation, setup, tuning and maintenance, because you're doing these things once instead of four times.

The flexible lens positioning options allow one of the four cameras to point straight down, eliminating blind spots. And because you can remotely position all four multi-sensor cameras in minutes--right from your desk--you're not dependent on an onsite technician just to reposition a camera.

#### **AI** ANALYTICS INSIDE

# Perform more meaningful post-event forensic searches with object classification analytics

The camera's object classification analytics allow it to distinguish people and vehicles from other objects in a scene. Object-only recording, and the ability to filter out "environmental noise" that can trigger a motion detection alarm (e.g., shadows, swaying trees and bushes, etc.), significantly increases operational efficiencies. The result?

- Filter out non-relevant video for faster incident resolution
- Reduce storage requirements (by limiting recording to just object-based motion)
- Diminish nuisance alarms
- Respond to genuine threats quicker, and with fewer resources

vicon-security.com



#### **Product at a Glance**

- Four 5 MP or 8 MP sensors deliver an impressive 20 MP or 32 MP overall resolution
- Setup and reposition cameras in minutes, right from your computer
- Pre-defined presets deliver 180°, 270° and 360° views, and you can define additional presets of your own
- Starlight low-light technology delivers color images in near total darkness - no need for the camera to switch to B&W mode
- Integrated IR provides uniform illumination in total darkness for high-quality video from 131 feet (40 m) away
- ▶ Four independent sensors, but only a single IP and Ethernet cable required







# **Specifications**

Camera     Index/outGor/OutGo	Model	V2020-WIR-360	V2032-WIR-360																																																																																																
Image Sensor:     4X 1/2.8" 5 MP CMOS progressive scan Starlight     4X 1/1.8" 8 MP CMOS progressive scan Starlight       Image Settings:     4X 2562 × 1944 (5 MP)     4X 3340 × 2150 (3 MP)       Image Settings:     WDR (20 dB) EUC Configurable brightness, contrast, starlight, Max Neton, Filp, White balance, Exposure, Gain Control. Privacy masks (5), DW/right, True day/right ICR, Audio, Event handler and notifications.       Video Content Analysis:     Video Motion Detection (VMD; 5 areas); Motion, Tampering/Defocus, Intrusion, Laitering, Line Cross, Talgaing, Object Line/Renoved, Cowding, Museum Search.       Classification Analytics:     Vehicles, people, animals     Cowding, Museum Search.       Reset Dotigit     Vehicles, people, animals     Cowding, Museum Search.       Reset Dotigit     Up to 131 ft (40 m)     Color: 0.02 kix; R/W: 0.01 kix, IR OH; O kix, IR OH     Color: 0.02 kix; R/W: 0.01 kix, IR OH       Reset Dotigit     Bender Values     Color: 0.03 kix; R/W: 0.01 kix, IR OH; O kix, IR OH     Color: 0.02 kix; R/W: 0.01 kix, IR OH       Reset Dotigit     Bender Values     Color: 0.02 kix; R/W: 0.01 kix, IR OH; O kix, IR OH     Pure Institute       Reset Dotigit     Bender Values     Color: 0.02 kix; R/W: 0.01 kix, IR OH     Pure Values       Reset Dotigit     De autorits or Priis (Manul/Auto)     Prix (Manul/Auto)     Prix (Manul/Auto)	Camera																																																																																																		
Max     Resolution:     4X 2892 x 1944 (b MP)     4X 3840 x 2160 (b MP)       Image Settings:     WDR (120 dD), BLC, Configurable brightness, contrast, saturation, sharpness, Minor, Flip, While balance. Exposure, Sin Control. Privacy masks (5), Dury/Injt, True	Device Type:	Indoor/outdoor multi-sensor panoramic cameras																																																																																																	
Image Settings:     WDR (120 dB), BLC, Configurable brightness, contrast, saturation, sharpness, Mirror, Filp, White balance, Exposure, Gan Control, Physicy masks (5), Day/hight, Ture day/hight ICR, Audio, Event handler and notifications.       Video Content Analysis:     Video Motion Detection (WDB) Se presex), Motion, Tampering/Defecus, Intrusion, Lotering, Line Cross, Taligating, Object       Casafif-action Analytics:     U7 - 1/20,000 sec       Day/Night Performance:     Ture Day/Night with mechanical IR cut filter; Auto, Forced Day, Forced Night and Scheduled       Wide Dynamic Range (WDB):     120 dB, Ture Day/Night with mechanical IR cut filter; Auto, Forced Day, Forced Night and Scheduled       Wide Dynamic Range (WDB):     120 dB, Ture Day/Night With mechanical IR cut filter; Auto, Forced Day, Forced Night and Scheduled       Wide Dynamic Range (WDB):     120 dB, Ture WDR     Eorier: 0.02 lax; B/W: 0.01 lax; IR OH       Preset Positions:     360°; 270° Wide, 180° Tide, Useor Defined (2)     Adjustmet:       Ranctely adjustable: Han; 360°; tit: 90°; each module can be positioned remotely along a track     Lenses       MFZ Lens:     4x 2.1 - 10 mm; 3.2X optical zoom     4x 2.6 - 10 mm; 2.8X optical zoom       Max Aperture:     1/1.4 - 1/2.8     fr1.5 - 1/2.8       Iris:     DC autoris or P-ris (Manual/Auto)     Paris (Manual/Auto)       Angle of View:     H: 38° (10e) - 98° (wide); V: 24° (tele) -	Image Sensor:	4X 1/2.8″ 5 MP CMOS progressive scan Starlight	4X 1/1.8″ 8 MP CMOS progressive scan Starlight																																																																																																
Exposine     Exposine     Cash Control Privacy masks (S), Day/right, Tur day/right ICR, Audia, Event handler and notifications.       Video Content Analysis:     Video Motion Detection (VMD; 5 areas); Motion, Iampering/Defocus, Intrusion, Lottering, Line Cross, Tailgaing, Odject Left/Removed, Crowding, Museum Search.       AR-Based Object     Video Motion Detection (VMD; 5 areas); Motion, Iampering/Defocus, Intrusion, Lottering, Line Cross, Tailgaing, Odject       Classification Analysis:     Video Motion Detection (VMD; 5 areas); Motion, Iampering/Defocus, Intrusion, Lottering, Line Cross, Tailgaing, Odject       Bistance     1/7 - 1/20,000 sec     June 2004, Turu VDD       Day/Night Performance:     Use D31 ( K0 m)     Control Coll Log R/W: Obl Log, R Orthola, R O	Max Resolution:	4X 2592 x 1944 (5 MP)	4X 3840 x 2160 (8 MP)																																																																																																
Iailgating, Object Left/Removed, Crowding, Museum Search.   AFBased Object Vehicles, people, animals   Classification Analytics: I/T - 1/20.000 sec   Day/Night Performance: True Day/Night with mechanical IR cut filter, Auto, Forced Night and Scheduled   Wide Dynamic Range (WDR) 120 dB, True WDR   IR Distance: Up to 131 if (40 m)   Min Illemination @30 IRE: Color: 0.03 lox; B/W: 0.01 lux, IR Off; 0 lux, IR Off   Adjustment: Berotepid yadjustable: Par: 360°; lili: 90°; each module can be positioned remotely along a track   Adjustment: Remotely adjustable: Par: 360°; lili: 90°; each module can be positioned remotely along a track   Max Aperture: 4x 3.6 - 10 mm; 3.2X optical zoom   Max Aperture: 11.22° (tele) - 96° (wide); V: 24° (tele) - 69° (wide)   Insige Organisation H:26/H.26A and M.JPEG   Streaming: 10/100 Mbps Ethemet; R.I-45   Image Compression: H:26/H.26A and M.JPEG   Streaming: Up to 30 for at 20 MP Up to 30 for at 32 MP   Audio: Two way audio: 1 audio input; 1 audio output; 6.711 & KH2/8 bits   Protocols: Up to 10 clients Up to 10 clients   Web Brows: I term et adjustment: Par: 360°; Tile: 90° (befault value. #37   Streaming: Up to 10 clients Up to 30 for at 32 MP   Max, Frame Rate: Up to 10 clients Up to 30	Image Settings:																																																																																																		
Classification Analytics:     1/7 - 1/20,000 sec       Day/Night Performance:     Tive Day/Night with mechanical IR cut filter; Auto, Forced Day, Forced Night and Scheduled       Wide Dynamic Range (WDR)     120 dB, True WDR       IR Distance:     Up to 131 ft (40 m)       Min Illumination (@30 IRE:     Color: 0.03 Lux, BV/H 0.01 Lux, IR Oft (> Lux, DE Oft (> Color: 0.02 Lux; IR/M; 0.01 Lux, IR Oft (> Color: 0.02 Lux; IR/M; 0.01 Lux, IR Oft (> Color: 0.02 Lux; IR/M; 0.01 Lux, IR Oft (> Lux; IR Oft	Video Content Analysis:																																																																																																		
Day/Night Performance:   True Day/Night with mechanical IR cut filter; Auto, Forced Day, Forced Night and Scheduled     Wide Dynamic Range (WDR):   120 dB, True WDR     IR Distance:   Up to 131 ft (40 m)     Min Illumination @30 IRE:   Color: 0.03 lax; B/W: 0.01 lax; IR Off; 0 lax; IR On   Color: 0.02 lax; B/W: 0.01 lax; IR Off; 0 lax; IR ON     Preset Positions:   350°, 270° Wide, 270° File, 180° Wide, 180° Tele, 180° Let: User Defined (2)     Adjustment:   Remotely adjustable: Pan; 360°; tit: 90°; each module can be positioned remotely along a track     Lenses   MFZ Lens:   4x 3.1 - 10 mm; 3.2X optical zoom   4x 3.6 - 10 mm; 2.8X optical zoom     Max Aperture:   tf 1.4 - f 2.8   tf 1.5 - f 2.8   Tis:     DC: autoris or P-iris (Manual/Auto)   Pris (Manual/Auto)   Angle of View:   H: 23° (tele) - 96° (wide); V: 24° (tele) - 69° (wide)   H: 46° (tele) - 98° (wide); V: 26° (tele) - 54° (wide)     Network:   10/100 Mbps Ethernet; RJ-45   Image Compression:   H: 260/L264 and M-JPEG     Streaming:   Triple streaming   Max. Frame Rate:   Up to 30 fps at 20 MP   Up to 30 fps at 32 MP     Audio:   Two way audio: 1 audio input, 1 audio output; G/111 & KHz/8 bits   Protocols:   Divs JL/PA optice/IP/PL UDP; SMMP V2C/33; HTTP; RTP; RTSP; RTCP; SMTP; HTTPS; UPNP; FTP; SSL; DSNS; NFD; SC; DAP (clent); DynDNS; Zeroconftg; CNT/	-	Vehicles, people, animals																																																																																																	
Mide Dynamic Range (WDR):   120 dB, True WDR     IR Distance:   Up to 131 ft (40 m)     IR Distance:   Up to 131 ft (40 m)     Min Illumination @30 IRE:   Color: 0.03 lux; JK/V: 0.01 lux, IR Off; 0 lux, IR On   Color: 0.02 lux; B/W: 0.01 lux, IR Off; 0 lux, IR On     Preset Positions:   360°, 270° Wide, 270° Tele, 180° Wide, 180° Tele, User Defined (2)   Color: 0.02 lux; B/W: 0.01 lux, IR Off; 0 lux, IR On     Preset Positions:   360°, 270° Wide, 270° Tele, 180° Wide, 180° Tele, User Defined (2)   Color: 0.02 lux; B/W: 0.01 lux, IR Off; 0 lux, IR On     Preset Positions:   360°, 270° Wide, 270° Tele, 180° Wide, 180° Tele, User Defined (2)   Adjust Tele Tele Tele Tele Tele Tele Tele Tel	Electronic Shutter Speed:	1/7 ~ 1/20,000 sec																																																																																																	
IR Distance:   Up to 131 ft (40 m)     Min Illumination @30 IRE:   Color: 0.03 lux; B/W: 0.01 lux, IR Off; 0 lux, IR On   Color: 0.02 lux; B/W: 0.01 lux, IR Off; 0 lux, IR On     Preset Positions:   360°, 270° Wide, 270° Tele, 180° Wide, 180° Tele, User Defined (2)     Adjustment:   Remotely adjustable: Pan: 360°, tit: 90° ach module can be positioned remotely along a track     Lenses   #72 Lens:   4x 3.1 - 10 mm; 3.2X optical zoom   4x 3.6 - 10 mm; 2.8X optical zoom     Max Aperture:   ft/1.4 - ft/2.8   ft/1.5 - ft/2.8     Iris:   DC autoiris or Pais (Manual/Auto)   Pairis (Manual/Auto)     Agle of View:   H: 32° (tele) - 96° (wide); V: 24° (tele) - 69° (wide)     Network:   10/100 Mbps Ethernet; RJ-45     Image Compression:   H: 265/H.264 and M-JPEG     Streaming:   Triple streaming     Max. Frame Rate:   Up to 30 fps at 32 MP     Audio:   Two way audio: 1 audio input, 1 audio output; G.7118 KHz/8 bits     Protocols:   IP/4/P/6; TCP/IP; UDP; SNMP v2c/v3, HTTP; RTP; RTSP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; QoS; LDAP (client); DynDNS; Zeroconfig; ONVIF S/G/T/M     Users:   Up to 10 clients     Web Browser:   Internet Explorer®; Mozilla Eirefox®; Googie Chrome.®     Security:   Password protection, IP address filtering,	Day/Night Performance:	True Day/Night with mechanical IR cut filter; Auto, For	ced Day, Forced Night and Scheduled																																																																																																
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LensesMFZ Lens:4x 3.1 - 10 mm; 3.2X optical zoom4x 3.6 - 10 mm; 2.8X optical zoomMax Aperture:1/1.4 - 1/2.81/1.5 - 1/2.8Iris:DC autoiris or P-iris (Manual/Auto)P-iris (Manual/Auto)Angle of View:H: 32° (tele) - 96° (wide); V: 24° (tele) - 69° (wide)H: 46° (tele) - 98° (wide); V: 26° (tele) - 54° (wide)Network:10/100 Mbps Ethernet; RJ-45Image Compression:H: 265/H.264 and M.JPEGStreaming:10/100 Mbps Ethernet; RJ-45Image Compression:H: 265/H.264 and M.JPEGStreaming:Triple streamingUp to 30 fps at 32 MPAudio:Two way audio: 1 audio input, 1 audio output; G.7118 KHz/8 bitsProtocols:IP/4/IPv6; TCP/IP; UDP; SMMP v2c/v3; HITP; RTSP; RTCP; SMTP; HITPS; UPnP; FTP; SSL; DNS; NTP; QoS; LDAP (client); DynDNS; Zeroconfig: ONVIF S/G/T/MUsers:Up to 10 clientsWeb Browser:Internet Explorer®; Mozilla Firefox®; Google Chrome®Security:Password protection, IP address filtering, HTTPS, IEEE 802.1X network access controlAlarms1 alarm input, 1 alarn outputMechanical and ElectricalPortocols, Tit: 90° (Default value 83°)Construction:Die-cast aluminum housing: polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.Controls and Connectors:I/1 ccable assemblies supplied for power, audio (2X) and Alarms, PoE/Network: RJ-45, Alarm In/Out: terminal block, Audo In/Out: thone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional	Preset Positions:	360°, 270° Wide, 270° Tele, 180° Wide, 180° Tele, User Defined (2)																																																																																																	
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Frame Rate:Up to 30 fps at 20 MPUp to 30 fps at 32 MPAudio:Two way audio: 1 audio input, 1 audio output; G.711 8/Hz/8 bitsProtocols:IP-4/IPv6; TCP/IP, UDP; SMMP v2c/v3; HTTP; RTP; RTSP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; QoS; LDAP (client); DynDNS; Zeroconfig; VVIF S/G/T/MUsers:Up to 10 clientsWeb Browser:Internet Explorer@; Mozilla Firefox®; Google Chrome ▼Security:Password protection, IP address filtering, HTTPS, IEEE V0.1X network access controlAlarms1alarm input, 1 alarm outputPan/Tilt Range:Remota adjustment: Pan: 360°; Tilt: 90° (Default value S'Construction:Die-cast aluminum housing: polycarbonate dormeMounting:Surface-mounted (wall or ceiling); includes mounting cast. Mounting options include wall arm, pendant, 2-BOX, pole, corner, ceiling.Controls and Connectors:V/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45, Alarm In/Out: terminal blocks. Audio In/Cut: terminal blocks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); ret= terminal alogram <tr <td=""><td>Adjustment:</td><td colspan="2">Remotely adjustable: Pan: 360°; tilt: 90°; each module can be positioned remotely along a track</td></tr> <tr><td>Max Aperture:f/1.4 - f/2.8f/1.5 - f/2.8Iris:DC autoiris or P-iris (Manual/Auto)P-iris (Manual/Auto)Angle of View:H: 32° (tele) - 96° (wide); V: 24° (tele) - 69° (wide)H: 46° (tele) - 98° (wide); V: 26° (tele) - 54° (wide)Network Video TransmissionIntervent Video TransmissionH: 46° (tele) - 98° (wide); V: 26° (tele) - 54° (wide)Network:10/100 Mbps Ethernet; RJ-45Image Compression:H: 265/H. 264 and M-JPEGStreaming:Triple streamingUp to 30 fps at 32 MPMax. 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SD card (2X).Dimensi</td><td>Lenses</td><td></td><td></td></tr> <tr><td>Max Aperture:f/1.4 - f/2.8f/1.5 - f/2.8Iris:DC autoiris or P-Iris (Manual/Auto)P-iris (Manual/Auto)Angle of View:H: 32° (tele) - 96° (wide); V: 24° (tele) - 69° (wide)H: 46° (tele) - 98° (wide); V: 26° (tele) - 54° (wide)Network Video TransmissionIndex of tele and t</td><td>MFZ Lens:</td><td>4x 3.1 - 10 mm; 3.2X optical zoom</td><td>4x 3.6 - 10 mm; 2.8X optical zoom</td></tr> <tr><td>Angle of View:H: 32° (tele) - 96° (wide); V: 24° (tele) - 69° (wide)H: 46° (tele) - 98° (wide); V: 26° (tele) - 54° (wide)Network Video Transmission10/100 Mbps Ethernet; RJ-45Image Compression:H. 265/H.264 and M-JPEGImage Compression:H. 265/H.264 and M-JPEGUp to 30 fps at 32 MPUp to 30 fps at 32 MPMax. Frame Rate:Up to 30 fps at 20 MPUp to 30 fps at 32 MPAudio:Two way audio: 1 audio input, 1 audio output; G.711 8 KHz/8 bitsProtocols:IPv4/IPv6; TCP/IP; UDP; SNMP v2c/3; HTTP; RTP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; OGS; LDAP (client); DynDNS; Zeroconfig; OVIF S/G/T/MUsers:Up to 10 clientsWeb Browser:Internet Explorer®; Mozilla Firefox®; Google Chrome@Security:Password protection, IP address filtering, HTTPS, IEEE 802,1X network access controlAlarms1 alarm input, 1 alarm outputMechanical and ElectricalSurface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-80x, pole, correr, ceiling.Construction:Die-cast aluminum housing: polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-80x, pole, correr, ceiling.Controls and Connectors:H: 56 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:T55 ib (3.425 kg)</td><td>Max Aperture:</td><td>f/1.4 - f/2.8</td><td>f/1.5 - f/2.8</td></tr> <tr><td>Network Video Transmission     Network:   10/100 Mbps Ethernet; RJ-45     Image Compression:   H.265/H.264 and M-JPEG     Streaming:   Triple streaming     Max. Frame Rate:   Up to 30 fps at 20 MP   Up to 30 fps at 32 MP     Audio:   Two way audio: 1 audio input, 1 audio output; G.711 8 KHz/8 bits     Protocols:   IPV4/IPV6; TCP/IP; UDP; SNMP v2c/v3; HTTP; RTP; RTSP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; QoS; LDAP (client); DynDNS; Zeroconfig; ONVIF S/G/T/M     Users:   Up to 10 clients     Web Browser:   Internet Explorer0; Mozilla Firefox0; Google Chrome0     Security:   Password protection, IP address filtering, HTTPS, IEEE 802.1X network access control     Alarms   1 alarm input, 1 alarm output     Mechanical and Electrical   Pie-cast aluminum housing; polycarbonate dome     Mounting:   Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, correr, ceiling.     Controls and Connectors:   I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45, Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).     Dimensions:   H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagram</td><td>lris:</td><td>DC autoiris or P-iris (Manual/Auto)</td><td>P-iris (Manual/Auto)</td></tr> <tr><td>Network:10/100 Mbps Ethernet; RJ-45Image Compression:H.265/H.264 and M-JPEGStreaming:Triple streamingMax. 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(247.5 mm); refer to dimensional diagramWeight:755 lb (3.425 kg)</td><td>Angle of View:</td><td>H: 32° (tele) - 96° (wide); V: 24° (tele) - 69° (wide)</td><td>H: 46° (tele) - 98° (wide); V: 26° (tele) - 54° (wide)</td></tr> <tr><td>Image Compression:   H.265/H.264 and M-JPEG     Streaming:   Triple streaming     Max. Frame Rate:   Up to 30 fps at 20 MP   Up to 30 fps at 32 MP     Audio:   Two way audio: 1 audio input, 1 audio output; G.711 8 KHz/8 bits     Protocols:   IPv4/IPv6; TCP/IP; UDP; SNMP v2c/v3; HTTP; RTSP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; QoS; LDAP (client); DynDNS; Zeroconfig; ONVIF S/G/T/M     Users:   Up to 10 clients     Web Browser:   Internet Explorer®; Mozilla Firefox®; Google Chrome®     Security:   Password protection, IP address filtering, HTTPS, IEEE 802.1X network access control     Alarms   1 alarm input, 1 alarm output     Mechanical and Electrical   Percast aluminum housing; polycarbonate dome     Mounting:   Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.     Controls and Connectors:   I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).     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(247.5 mm); refer to dimensional diagram</td></tr> <tr><td></td><td>Weight:</td><td colspan="2">7.55 lb (3.425 kg)</td></tr> <tr><td>Input Power: POE++ (IEEE&amp;U2.3bt Class 5); 24 VDC; 24 VAC</td><td>Input Power:</td><td colspan="2">PoE++ (IEEE802.3bt Class 5); 24 VDC; 24 VAC</td></tr>	Adjustment:	Remotely adjustable: Pan: 360°; tilt: 90°; each module can be positioned remotely along a track		Max Aperture:f/1.4 - f/2.8f/1.5 - f/2.8Iris:DC autoiris or P-iris (Manual/Auto)P-iris (Manual/Auto)Angle of View:H: 32° (tele) - 96° (wide); V: 24° (tele) - 69° (wide)H: 46° (tele) - 98° (wide); V: 26° (tele) - 54° (wide)Network Video TransmissionIntervent Video TransmissionH: 46° (tele) - 98° (wide); V: 26° (tele) - 54° (wide)Network:10/100 Mbps Ethernet; RJ-45Image Compression:H: 265/H. 264 and M-JPEGStreaming:Triple streamingUp to 30 fps at 32 MPMax. 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(247.5 mm); refer to dimensional diagramWeight:T55 ib (3.425 kg)	Max Aperture:	f/1.4 - f/2.8	f/1.5 - f/2.8	Network Video Transmission     Network:   10/100 Mbps Ethernet; RJ-45     Image Compression:   H.265/H.264 and M-JPEG     Streaming:   Triple streaming     Max. Frame Rate:   Up to 30 fps at 20 MP   Up to 30 fps at 32 MP     Audio:   Two way audio: 1 audio input, 1 audio output; G.711 8 KHz/8 bits     Protocols:   IPV4/IPV6; TCP/IP; UDP; SNMP v2c/v3; HTTP; RTP; RTSP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; QoS; LDAP (client); DynDNS; Zeroconfig; ONVIF S/G/T/M     Users:   Up to 10 clients     Web Browser:   Internet Explorer0; Mozilla Firefox0; Google Chrome0     Security:   Password protection, IP address filtering, HTTPS, IEEE 802.1X network access control     Alarms   1 alarm input, 1 alarm output     Mechanical and Electrical   Pie-cast aluminum housing; polycarbonate dome     Mounting:   Surface-mounted (wall or ceiling); includes mounting cap. 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Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.     Controls and Connectors:   I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).     Dimensions:   H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagram     Weight:   7.55 lb (3.425 kg)	Network Video Transmission			Streaming:Triple streamingMax. Frame Rate:Up to 30 fps at 20 MPUp to 30 fps at 32 MPAudio:Two way audio: 1 audio input, 1 audio output; G.711 8 KHz/8 bitsProtocols:IPv4/IPv6; TCP/IP; UDP; SNMP v2c/v3; HTTP; RTSP; RTSP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; QoS; LDAP (client); DynDNS; Zeroconfig; ONVIF S/G/T/MUsers:Up to 10 clientsWeb Browser:Internet Explorer®; Mozilla Firefox®; Google Chrome®Security:Password protection, IP address filtering, HTTPS, IEEE 802.1X network access controlAlarms1 alarm input, 1 alarm outputMechanical and ElectricalPan/Tilt Range:Pan/Tilt Range:Remote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)Construction:Die-cast aluminum housing; polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.Controls and Connectors:I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:7.55 Ib (3.425 kg)	Network:	10/100 Mbps Ethernet; RJ-45		Max. Frame Rate:Up to 30 fps at 20 MPUp to 30 fps at 32 MPAudio:Two way audio: 1 audio input, 1 audio output; G.711 8 KHz/8 bitsProtocols:IPv4/IPv6; TCP/IP; UDP; SNMP v2c/v3; HTTP; RTSP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; GoS; LDAP (client); DynDNS; Zeroconfig; ONVIF S/G/T/MUsers:Up to 10 clientsWeb Browser:Internet Explorer®; Mozilla Firefox®; Google Chrome®Security:Password protection, IP address filtering, HTTPS, IEEE 802.1X network access controlAlarms1 alarm input, 1 alarm outputMechanical and ElectricalPercest aluminum housing; polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.Controls and Connectors:I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:7.55 lb (3.425 kg)	Image Compression:	H.265/H.264 and M-JPEG		Audio:Two way audio: 1 audio input, 1 audio output; G.711 8 KHz/8 bitsProtocols:IV-4/IPv6; TCCP/IP; UDP; SNMP v2c/v3; HTTP; RTP; RTSP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; QoS; LDAP (client); DynDNS; Zeroconfig; ONVIF S/G/T/MUsers:Up to 10 clientsWeb Browser:Internet Explorer®; Mozilla Firefox®; Google Chrome®Security:Password protection, IP address filtering, HTTPS, IEEE 802.1X network access controlAlarms1 alarm input, 1 alarm outputMechanical and ElectricalPan/Tilt Range:Remote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)Construction:Die-cast aluminum housing; polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.Controls and Connectors:I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45, Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:7.55 lb (3.425 kg)	Streaming:	Triple streaming		Protocols:IPv4/IPv6; TCP/IP; UDP; SNMP v2c/v3; HTTP; RTP; RTSP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; QoS; LDAP (client); DynDNS; Zeroconfig; ONVIF S/G/T/MUsers:Up to 10 clientsWeb Browser:Internet Explorer®; Mozilla Firefox®; Google Chrome®Security:Password protection, IP address filtering, HTTPS, IEEE 802.1X network access controlAlarms1 alarm input, 1 alarm outputMechanical and ElectricalPan/Tilt Range:Pan/Tilt Range:Remote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)Construction:Die-cast aluminum housing; polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.Controls and Connectors:I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:7.55 lb (3.425 kg)	Max. Frame Rate:	Up to 30 fps at 20 MP	Up to 30 fps at 32 MP	DNS; NTP; QoS; LDAP (client); DynDNS; Zeroconfig; ONVIF S/G/T/MUsers:Up to 10 clientsWeb Browser:Internet Explorer®; Mozilla Firefox®; Google Chrome®Security:Password protection, IP address filtering, HTTPS, IEEE 802.1X network access controlAlarms1 alarm input, 1 alarm outputMechanical and ElectricalRemote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)Pan/Tilt Range:Remote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)Construction:Die-cast aluminum housing; polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, JBox, pole, corner, ceiling.Controls and Connectors:I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:7.55 lb (3.425 kg)	Audio:	Two way audio: 1 audio input, 1 audio output; G.711 8 KHz/8 bits		Web Browser:Internet Explorer®; Mozilla Firefox®; Google Chrome®Security:Password protection, IP address filtering, HTTPS, IEEE 802.1X network access controlAlarms1 alarm input, 1 alarm outputMechanical and ElectricalRemote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)Pan/Tilt Range:Remote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)Construction:Die-cast aluminum housing; polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.Controls and Connectors:I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:7.55 lb (3.425 kg)	Protocols:			Security:Password protection, IP address filtering, HTTPS, IEEE 802.1X network access controlAlarms1 alarm input, 1 alarm outputMechanical and ElectricalPan/Tilt Range:Remote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)Construction:Die-cast aluminum housing; polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.Controls and Connectors:I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:7.55 lb (3.425 kg)	Users:	Up to 10 clients		Alarms1 alarm input, 1 alarm outputMechanical and ElectricalPan/Tilt Range:Remote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)Construction:Die-cast aluminum housing; polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.Controls and Connectors:I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:7.55 lb (3.425 kg)	Web Browser:	Internet Explorer®; Mozilla Firefox®; Google Chrome®		Mechanical and ElectricalPan/Tilt Range:Remote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)Construction:Die-cast aluminum housing; polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.Controls and Connectors:I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:7.55 lb (3.425 kg)	Security:	Password protection, IP address filtering, HTTPS, IEEE 802.1X network access control		Pan/Tilt Range:Remote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)Construction:Die-cast aluminum housing; polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.Controls and Connectors:I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:7.55 lb (3.425 kg)	Alarms	1 alarm input, 1 alarm output		Construction:Die-cast aluminum housing; polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.Controls and Connectors:I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:7.55 lb (3.425 kg)	Mechanical and Electrical			Mounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.Controls and Connectors:I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:7.55 lb (3.425 kg)	Pan/Tilt Range:	Remote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)		J-Box, pole, corner, ceiling.     Controls and Connectors:   I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).     Dimensions:   H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagram     Weight:   7.55 lb (3.425 kg)	Construction:	Die-cast aluminum housing; polycarbonate dome		terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).     Dimensions:   H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagram     Weight:   7.55 lb (3.425 kg)	Mounting:			Weight:     7.55 lb (3.425 kg)	Controls and Connectors:				Dimensions:	H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagram			Weight:	7.55 lb (3.425 kg)		Input Power: POE++ (IEEE&U2.3bt Class 5); 24 VDC; 24 VAC	Input Power:	PoE++ (IEEE802.3bt Class 5); 24 VDC; 24 VAC	
Adjustment:	Remotely adjustable: Pan: 360°; tilt: 90°; each module can be positioned remotely along a track																																																																																																		
Max Aperture:f/1.4 - f/2.8f/1.5 - f/2.8Iris:DC autoiris or P-iris (Manual/Auto)P-iris (Manual/Auto)Angle of View:H: 32° (tele) - 96° (wide); V: 24° (tele) - 69° (wide)H: 46° (tele) - 98° (wide); V: 26° (tele) - 54° (wide)Network Video TransmissionIntervent Video TransmissionH: 46° (tele) - 98° (wide); V: 26° (tele) - 54° (wide)Network:10/100 Mbps Ethernet; RJ-45Image Compression:H: 265/H. 264 and M-JPEGStreaming:Triple streamingUp to 30 fps at 32 MPMax. Frame Rate:Up to 30 fps at 20 MPUp to 30 fps at 32 MPAudio:Two way audio: 1 audio input, 1 audio output; G.711 8 KHz/8 bitsProtocols:IPv4/IPv6; TCP/IP; UDP; SNMP V2C/3; HTTP; RTSP; RTSP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; OoS; LDAP (client); DynDNS; Zeroconfig; ONVIF S/G/T/MUsers:Up to 10 clientsWeb Browser:Internet Explorer@; Mozilla Firefox@; Google Chrome@Security:Password protection, IP address filtering, HTTPS, IEEE 802.1X network access controlAlarms1 alarm input, 1 alarm outputMechanical and ElectricalPan/Tilt Range:Remote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)Construction:Die-cast aluminum housing; polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.Controls and Connectors:(I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45, Alarm In/Out: terminal block. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensi	Lenses																																																																																																		
Max Aperture:f/1.4 - f/2.8f/1.5 - f/2.8Iris:DC autoiris or P-Iris (Manual/Auto)P-iris (Manual/Auto)Angle of View:H: 32° (tele) - 96° (wide); V: 24° (tele) - 69° (wide)H: 46° (tele) - 98° (wide); V: 26° (tele) - 54° (wide)Network Video TransmissionIndex of tele and t	MFZ Lens:	4x 3.1 - 10 mm; 3.2X optical zoom	4x 3.6 - 10 mm; 2.8X optical zoom																																																																																																
Angle of View:H: 32° (tele) - 96° (wide); V: 24° (tele) - 69° (wide)H: 46° (tele) - 98° (wide); V: 26° (tele) - 54° (wide)Network Video Transmission10/100 Mbps Ethernet; RJ-45Image Compression:H. 265/H.264 and M-JPEGImage Compression:H. 265/H.264 and M-JPEGUp to 30 fps at 32 MPUp to 30 fps at 32 MPMax. Frame Rate:Up to 30 fps at 20 MPUp to 30 fps at 32 MPAudio:Two way audio: 1 audio input, 1 audio output; G.711 8 KHz/8 bitsProtocols:IPv4/IPv6; TCP/IP; UDP; SNMP v2c/3; HTTP; RTP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; OGS; LDAP (client); DynDNS; Zeroconfig; OVIF S/G/T/MUsers:Up to 10 clientsWeb Browser:Internet Explorer®; Mozilla Firefox®; Google Chrome@Security:Password protection, IP address filtering, HTTPS, IEEE 802,1X network access controlAlarms1 alarm input, 1 alarm outputMechanical and ElectricalSurface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-80x, pole, correr, ceiling.Construction:Die-cast aluminum housing: polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-80x, pole, correr, ceiling.Controls and Connectors:H: 56 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:T55 ib (3.425 kg)	Max Aperture:	f/1.4 - f/2.8	f/1.5 - f/2.8																																																																																																
Network Video Transmission     Network:   10/100 Mbps Ethernet; RJ-45     Image Compression:   H.265/H.264 and M-JPEG     Streaming:   Triple streaming     Max. Frame Rate:   Up to 30 fps at 20 MP   Up to 30 fps at 32 MP     Audio:   Two way audio: 1 audio input, 1 audio output; G.711 8 KHz/8 bits     Protocols:   IPV4/IPV6; TCP/IP; UDP; SNMP v2c/v3; HTTP; RTP; RTSP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; QoS; LDAP (client); DynDNS; Zeroconfig; ONVIF S/G/T/M     Users:   Up to 10 clients     Web Browser:   Internet Explorer0; Mozilla Firefox0; Google Chrome0     Security:   Password protection, IP address filtering, HTTPS, IEEE 802.1X network access control     Alarms   1 alarm input, 1 alarm output     Mechanical and Electrical   Pie-cast aluminum housing; polycarbonate dome     Mounting:   Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, correr, ceiling.     Controls and Connectors:   I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45, Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).     Dimensions:   H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagram	lris:	DC autoiris or P-iris (Manual/Auto)	P-iris (Manual/Auto)																																																																																																
Network:10/100 Mbps Ethernet; RJ-45Image Compression:H.265/H.264 and M-JPEGStreaming:Triple streamingMax. Frame Rate:Up to 30 fps at 20 MPAudio:Two way audio: 1 audio input, 1 audio output; G.711 8 KHz/8 bitsProtocols:IPv4/IPv6; TCP/IP; UDP; SNMP v2c/v3; HTTP; RTP; RTSP; RTCP; SMTP; HTTPS; UPNP; FTP; SSL; DNS; NTP; OoS; LDAP (client); DynDNS; Zeroconfig; ONVIF S/G/T/MUsers:Up to 10 clientsWeb Browser:Internet Explorer®; Mozilla Firefox®; Google ChromeSecurity:Password protection, IP address filtering, HTTPS, IEEE 802.1X network access controlAlarms1 alarm input, 1 alarm outputMechanical and ElectricalPenote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)Construction:Die-cast aluminum housing; polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting options include wall arm, pendant, J8x, pole, corner, ceiling.Controls and Connectors:I/O cable assemblies supplied for power, audio (2X) and Alarms, PoE/Network: RJ-4S. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:755 lb (3.425 kg)	Angle of View:	H: 32° (tele) - 96° (wide); V: 24° (tele) - 69° (wide)	H: 46° (tele) - 98° (wide); V: 26° (tele) - 54° (wide)																																																																																																
Image Compression:   H.265/H.264 and M-JPEG     Streaming:   Triple streaming     Max. Frame Rate:   Up to 30 fps at 20 MP   Up to 30 fps at 32 MP     Audio:   Two way audio: 1 audio input, 1 audio output; G.711 8 KHz/8 bits     Protocols:   IPv4/IPv6; TCP/IP; UDP; SNMP v2c/v3; HTTP; RTSP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; QoS; LDAP (client); DynDNS; Zeroconfig; ONVIF S/G/T/M     Users:   Up to 10 clients     Web Browser:   Internet Explorer®; Mozilla Firefox®; Google Chrome®     Security:   Password protection, IP address filtering, HTTPS, IEEE 802.1X network access control     Alarms   1 alarm input, 1 alarm output     Mechanical and Electrical   Percast aluminum housing; polycarbonate dome     Mounting:   Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.     Controls and Connectors:   I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).     Dimensions:   H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagram     Weight:   7.55 lb (3.425 kg)	Network Video Transmission																																																																																																		
Streaming:Triple streamingMax. Frame Rate:Up to 30 fps at 20 MPUp to 30 fps at 32 MPAudio:Two way audio: 1 audio input, 1 audio output; G.711 8 KHz/8 bitsProtocols:IPv4/IPv6; TCP/IP; UDP; SNMP v2c/v3; HTTP; RTSP; RTSP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; QoS; LDAP (client); DynDNS; Zeroconfig; ONVIF S/G/T/MUsers:Up to 10 clientsWeb Browser:Internet Explorer®; Mozilla Firefox®; Google Chrome®Security:Password protection, IP address filtering, HTTPS, IEEE 802.1X network access controlAlarms1 alarm input, 1 alarm outputMechanical and ElectricalPan/Tilt Range:Pan/Tilt Range:Remote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)Construction:Die-cast aluminum housing; polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.Controls and Connectors:I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:7.55 Ib (3.425 kg)	Network:	10/100 Mbps Ethernet; RJ-45																																																																																																	
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Protocols:IPv4/IPv6; TCP/IP; UDP; SNMP v2c/v3; HTTP; RTP; RTSP; RTCP; SMTP; HTTPS; UPnP; FTP; SSL; DNS; NTP; QoS; LDAP (client); DynDNS; Zeroconfig; ONVIF S/G/T/MUsers:Up to 10 clientsWeb Browser:Internet Explorer®; Mozilla Firefox®; Google Chrome®Security:Password protection, IP address filtering, HTTPS, IEEE 802.1X network access controlAlarms1 alarm input, 1 alarm outputMechanical and ElectricalPan/Tilt Range:Pan/Tilt Range:Remote adjustment: Pan: 360°; Tilt: 90° (Default value 83°)Construction:Die-cast aluminum housing; polycarbonate domeMounting:Surface-mounted (wall or ceiling); includes mounting cap. Mounting options include wall arm, pendant, J-Box, pole, corner, ceiling.Controls and Connectors:I/O cable assemblies supplied for power, audio (2X) and Alarms. PoE/Network: RJ-45. Alarm In/Out: terminal blocks. Power: 2-pin terminal block. Audio In/Out: phone jacks. SD card (2X).Dimensions:H: 5.6 in. (142.3 mm); Diam: 9.7 in. (247.5 mm); refer to dimensional diagramWeight:7.55 lb (3.425 kg)	Max. Frame Rate:	Up to 30 fps at 20 MP	Up to 30 fps at 32 MP																																																																																																
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Input Power: POE++ (IEEE&U2.3bt Class 5); 24 VDC; 24 VAC	Input Power:	PoE++ (IEEE802.3bt Class 5); 24 VDC; 24 VAC																																																																																																	

# Specifications (cont'd)

Model	V2020-WIR-360	V2032-WIR-360	
Mechanical and Electrical (cont'd)			
Current:	1.7 A		
Power Consumption:	40 W max		
Environmental			
Operating Conditions:	Temp: -40° to 131° F (-40° to 55° C) IR Off. Humidity: Up to 90%, relative, non-condensing.		
Approvals:	FCC Class A, CE, IP66, IK10; UL; ONVIF S/G/T/M		
Country of Origin:	Taiwan		
Warranty:	5 years		

### Connectors





1-1/2 in. NPT Male Mounting Thread

# **Dimensional Drawing**



## Ordering Information

Model Number	Description		
V2020-WIR-360	<b>20 MP Dome</b> 4X 3.1-10 mm motorized zoom and focus; autoiris/P-iris.		
V2032-WIR-360	32 MP Dome     4X 3.6-10 mm motorized zoom and focus; P-iris.		
Mounts and Acces	ssories		
V1001-WM	Wall Mount (medium) For mounting the dome directly to a wall, J-Box, corner mount, or pole mount.		
V1001-JB	Junction Box Assists with wiring management of the dome's connectors. Requires wall mount (V1001-WM), which affixes to the J-Box. J-Box can mount directly to a wall, or to the corner mount (V1001-CM) or pole mount (V1001-PL).		
V1001-CM	Corner Mount For mounting the dome to a corner. Requires wall mount (V1001-WM). The corner mount also accommodates the J-Box (V1001-JB).		
V1001-PL	Pole Mount For mounting the dome to a pole. Requires wall mount (V1001-WM). The pole mount also accommodates the J-Box (V1001-JB).		
V1001-PM	Pendant Mount For suspending the dome from the ceiling.		
V2000-360-ICD	In-Ceiling Mounting Kit Allows the multi-sensor camera to be installed in a drop ceiling.		
SVFT-UPM-2	Parapet Mount For mounting the dome over the raised barrier at the edge of a roof.		
SVFT-UCM-1	Hard Ceiling Mount For affixing the dome directly to a hard ceiling.		
VPOE-INJ-60BT	Single-Port PoE 60 W. For PTZ power management.		

V1001-WM











V2000-360-ICD



SVFT-UCM-1



VPOE-INJ-60BT

Data Sheet Number: V322-21-04

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