

# 3MP Zoom Bullet with D/N, Adaptive IR, Extreme WDR, SLLS, 4.3x Zoom Lens

- 3 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 4.3x Zoom Lens with f2.8-12/F1.4-F2.8, Auto focus (for installation)
- Extreme WDR
- H.265 Compression
- Wide Angle
- Event trigger, response and notification

# **Specifications**

#### **Device**

Device	
Product Type	Zoom Bullet
Maximum Resolution	ЗМР
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8 "
Effective Pixels	2065(H) X 1553(V) (3.21 MP)
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.05 lux at F1.4; B/W 0.005 lux at F1.4 (AGC on)
Color to B/W Switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700-1150nm
IR LED	Adaptive IR LED
IR Working Distance	30m
Electronic Shutter	1/5-1/64000 second (manual mode); 1/5-1/64000 second (auto mode)
Color to B/W Switch  Mechanical IR Cut Filter  IR Sensitivity Range  IR LED  IR Working Distance	ISP based switch, configurable Yes 700-1150nm Adaptive IR LED 30m

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### Zoom Bullet

Focal Length Aperture F1.4-F2.8 Zoom Rallo 4.3x optical zoom Comer Application Camera Installation Iris Adaptive iris Adaptive iris Adaptive iris Adaptive iris Adaptive iris Board mount Horizontal Viewing Angle 88° - 25°  PTZ  Pan, Tit or Zoom protocol Pelco-D, Pelco-P, ACTI URL command  Video  Compression H 265, H.264 (Baseline/ Main/ High profile), MJPEG Maximum Frame Rate vs. Resolution Resolution Sin at 2048 x 1536 30 fps at 1920 x 1980 30 fps at 1280 x 960 30 fps at 1280 x 720 30 fps at 800 x 800 30 fps at 800 x 800 30 fps at 1280 x 720 30 fps at 720 x 480 30 fps at 400 x 480 30 fps at 320 x 240  Multi-Streaming Simultaneous dual streams based on two configurations Constant, Variable Wide Dynamic Range Extreme WDR (142 dB) Image Enhancement EliSp, Defogging Digital Noise Reduction 2D + 3D DNR  Privacy Mask 4 configurable regions Text Overlay Yes On-Screen Graphics (Picture Overlay) Yes On-Screen Graphics (Picture) Consenip Delection Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Consenip Delection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, Heature analytical accuracy) Image Orientation Mirror, Filip, Rotation (Corridor mode)	Horizontal Resolution (TV Lines)	1300 TVL
Aperture F1.4-F2.8  Zoom Ratio 4.3x optical zoom  Zoom Application Camera Installation  Itis Adaptive iris  Adaptive iris  Adaptive iris  Adaptive iris  Auth focus  Auth focus  Auth focus  Auth focus  Beard mount  Horizontal Viewing Angle 88°- 25°  PTZ  Pan, Tilt or Zoom protocol Pelco-D, Pelco-P, ACTI URL command  Victor  Victor  Compression H.265, H.264 (Baseline/ Main/ High profile), MUPEG  Maximum Frame Rate vs. Resolution 130 (ps. at 1280 x 1580 30 (ps. at 1280 x 1980 30 (ps. at 1280 x 720 30 (ps. at 1800 x 600 30 (ps. at 1280 x 720 30 (ps	Lens	
Zoom Ratio 4.3x optical zoom Zoom Application Camera Installation Iris Adaptive iris Adaptive iris Auto focus Auto focus Lens Mount Board mount Horizontal Viewing Angle 88* - 25* PTZ Pn., Till for Zoom protocol Pelco-P, ACTI URL command Video  Compression H.265, H.264 (Baseline/ Main/ High profile), MJPEG Maximum Frame Rate vs. Resolution Simultaneous dual streams based on two configurations Bit Rate Mode Constant, Variable Wide Dynamic Range Extreme WDR (142 dB) Image Enhancement Bis, Defogging Digital Noise Reduction 2D + 3D DNR Privacy Mask 4 configurable regions Text Overlay Yes  On-Screen Graphics (Picture Overlay) Built-in Analytics Tampering Detection  Dipical Thin Apolytics Tampering Detection  (Require PC-based or standalone IVS or ALPR Server. Contract ACTI support for recommendations on how to maximize analytical accuracy)  Metwork  Network Network Network Protocol & Service Post  Privacy Mask India Republication Detection, Microp Detection, Lett Map, Deple Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Consistent Consist	Focal Length	Zoom, f2.8-12mm
Zoom Application  Camera Installation  Adaptive iris  Auto focus  Lens Mount  Horizontal Viewing Angle  88° - 25°  PTZ  Pan, Tilt or Zoom protocol  Petco-D, Petco-P, ACTI URL command  Video  Compression  H. 265, H.264 (Baseline/ Main/ High profile), MJPEG  Maximum Frame Rate vs.  Resolution  Adaptive and 30 fps at 2048 x 1538 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 720 x 480 30 fps at 320 x 240  Multi-Streaming  Simultaneous dual streams based on two configurations  Bit Rate Mode  Constant, Variable  Extreme WDR (142 dB)  Wide Dynamic Range  Extreme WDR (142 dB)  Withe Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defogging  Digital Noise Reduction  2D + 3D DNR  Pitvacy Mask  4 configurable regions  Text Overlay  Yes  On-Screen Graphics (Picture Overlay)  Tampering Detection  Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Corcssing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Heat Map, Dwell Time, Direction Detection, Missing Object Detection, People Queue Detection, auximize analytical accuracy)  Image Orientation  Network  Network Protocol & Service  IPAdv6, TCP, UDP, DHCP, PPPGE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPPP, QaS, SNMP  Elbernet Port  1 x Ethernet (10/100 Base-T), RJ-46 pigtall connector	Aperture	F1.4-F2.8
Iris Adaptive iris  Auto focus  Lens Mount  Horizontal Viewing Angle  88* - 25*  PTZ  Pan, Tit or Zoom protocol  Pelco-D, Pelco-P, ACTi URL command  Video  Compression  H.265, H.264 (Baseline' Main/ High profile), MJPEG  Maximum Frame Rate vs. Resolution  Alto focus at 1280 x 960 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 720 x 480 30 fps at 320 x 240  Multi-Streaming  Simultaneous dual streams based on two configurations  Bit Rate Mode  Constant, Variable  Wide Dynamic Range  Extreme WDR (142 dB)  Image Enhancement  Wills Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defogging  Digital Noise Reduction  2D + 3D DNR  Privacy Mask  4 configurable regions  Text Overlay  Yes  On-Screen Graphics (Picture Overlay)  Server-based Analytics  Tampering Detection  Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Purel Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, Maximize analytical accuracy)  Image Orientation  Network  Network Protocol & Service  Prevent App, Bonjour, UPIP, QoS, SMMP  Ethernet Port  1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	Zoom Ratio	4.3x optical zoom
Auto focus   Board mount   B	Zoom Application	Camera Installation
Lens Mount Board mount Horizontal Viewing Angle 88° - 25°  PTZ  Pan, Till or Zoom protocol Pelco-D, Pelco-P, ACTI URL command  Video  Compression H.265, H.264 (Baseline/ Main/ High profile), MJPEG  30 fps at 2048 x 1536 30 fps at 1280 x 1980 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 720 x 480 30 fps at 480 30 fps at 320 x 240  Multi-Streaming Simultaneous dual streams based on two configurations  Bit Rate Mode Constant, Variable Extreme WDR (142 dB)  Wide Dynamic Range Extreme WDR (142 dB)  Image Enhancement White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defogging  Digital Noise Reduction 2D + 3D DNR  Privacy Mask 4 configurable regions  Text Overlay Yes  On-Screen Graphics (Picture Overlay)  Built-in Analytics Tampering Detection  Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Healt Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, maximize analytical accuracy)  Image Orientation Mirror, Filp, Rotation (Corridor mode)  Network  Network Protocol & Service IPV4W6, TCP, UDP, DHCP, PPPGE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP	Iris	Adaptive iris
Horizontal Viewing Angle  PTZ  Pan, Tilt or Zoom protocol  Pelco-D, Pelco-P, ACTI URL command  Video  Compression  H.265, H.264 (Baseline/ Main/ High profile), MJPEG  Maximum Frame Rate vs. Resolution  Multi-Streaming  Simultaneous dual streams based on two configurations  Constant, Variable  Extreme WDR (142 dB)  White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defoging  Digital Noise Reduction  2D + 3D DNR  Privacy Mask  4 configurable regions  Text Overlay  Yes  On-Screen Graphics (Picture Overlay)  Built-in Analytics  Tampering Detection, Object Enter Area Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Obetection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)  Network  Network  Network Protocol & Service  IPv4/N6, T.CP, UDP, DHCP, PPDE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPPP, QoS, SNMP  Ethernet Port  1 x Ethernet (10/100 Base-T), RJ-45 pigtali connector	Focus	Auto focus
PTZ Pan, Tilt or Zoom protocol Pelco-D, Pelco-P, ACTI URL command  Video Compression H.265, H.264 (Baseline/ Main/ High profile), MJPEG Maximum Frame Rate vs. Resolution 30 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 1280 x 960 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 720 x 480 30 fps at 640 x 480 30 fps at 320 x 240  Multi-Streaming Simultaneous dual streams based on two configurations  Constant, Variable  Extreme WDR (142 dB)  Image Enhancement Eits, Defoggling  Digital Noise Reduction 2D + 3D DNR  Privacy Mask 4 configurable regions  Text Overlay Yes  On-Screen Graphics (Picture Overlay)  Server-based Analytics Tampering Detection  Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Chelat May Develor, Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)  Network  Network  Network Protocol & Service PAR, Bonjour, UPPP, QoS, SNMP  Ethernet Port 1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	Lens Mount	Board mount
Pelco-D, Pelco-P, ACTI URL command  Video  Compression H.265, H.264 (Baseline/ Main/ High profile), MJPEG  Maximum Frame Rate vs. Resolution 30 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 1280 x 960 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 720 x 480 30 fps at 640 x 480 30 fps at 320 x 240  Multi-Streaming Simultaneous dual streams based on two configurations  Bit Rate Mode Constant, Variable  Wide Dynamic Range Extreme WDR (142 dB)  Image Enhancement Wilhie Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defogging  Digital Noise Reduction 2D + 3D DNR  Privacy Mask 4 configurable regions  Text Overlay Yes  On-Screen Graphics (Picture Overlay)  Built-in Analytics Tampering Detection  Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Counting, Respective, New Polection, Automatic License Plate Recognition, People Queue Detection, Require PC-based or standalone IVS or ALPR Server. Contact ACTI support for recommendations on how to maximize analytical accuracy)  Network  Network Protocol & Service IPA/4/6, TCP, UDP, DHCP, PPPOE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPPP, QoS, SMMP  Ethernet Port 1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	Horizontal Viewing Angle	88° - 25°
Video  Compression H.265, H.264 (Baseline/ Main/ High profile), MJPEG  Maximum Frame Rate vs. Resolution 30 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 1280 x 960 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 720 x 480 30 fps at 640 x 480 30 fps at 320 x 240  Multi-Streaming Simultaneous dual streams based on two configurations  Bit Rate Mode Constant, Variable Extreme WDR (142 dB)  Image Enhancement White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defogging  Digital Noise Reduction 2D + 3D DNR  Privacy Mask 4 configurable regions  Text Overlay Yes  On-Screen Graphics (Picture Overlay)  Built-in Analytics Tampering Detection  Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Consing Detection, Object Enter Area Detection, Missing Object Detection, Ismoer Plate Recognition, People Queue Detection, Require PC-based or standalone IVS or ALPR Server. Contact ACTI support for recommendations on how to maximize analytical accuracy)  Network  Network Protocol & Service IPv4Iv6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPPP, QoS, SNMP  Ethernet Port 1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	PTZ	
Compression H.265, H.264 (Baseline/ Main/ High profile), MJPEG  Maximum Frame Rate vs. Resolution 700 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 1280 x 960 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 720 x 480 30 fps at 640 x 480 30 fps at 320 x 240  Multi-Streaming Simultaneous dual streams based on two configurations  Constant, Variable Constant, Variable Extreme WDR (142 dB)  Image Enhancement White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defogging  Digital Noise Reduction 2D + 3D DNR  Privacy Mask 4 configurable regions  Text Overlay Yes  On-Screen Graphics (Picture Overlay)  Built-in Analytics Tampering Detection  Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)  Network  Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPPP, QoS, SNMP  Ethernet Port 1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	Pan, Tilt or Zoom protocol	Pelco-D, Pelco-P, ACTi URL command
Maximum Frame Rate vs. Resolution  30 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 1280 x 960 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 720 x 480 30 fps at 640 x 480 30 fps at 320 x 240  Multi-Streaming  Simultaneous dual streams based on two configurations  Bit Rate Mode  Constant, Variable  Extreme WDR (142 dB)  White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defogging  Digital Noise Reduction  2D + 3D DNR  Privacy Mask  4 configurable regions  Text Overlay  Yes  On-Screen Graphics (Picture Overlay)  Built-in Analytics  Tampering Detection  Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)  Network  Network  Network Protocol & Service  IPv4/v6, TCP, UDP, DHCP, PPPOE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP  Ethernet Port  1 x Ethernet (10/100 Base-T), RJ-45 pigtali connector	Video	
Resolution 720 x 480 30 fps at 640 x 480 30 fps at 320 x 240  Multi-Streaming Simultaneous dual streams based on two configurations  Bit Rate Mode Constant, Variable  Wide Dynamic Range Extreme WDR (142 dB)  Image Enhancement White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defogging  Digital Noise Reduction 2D + 3D DNR  Privacy Mask 4 configurable regions  Text Overlay Yes  On-Screen Graphics (Picture Overlay)  Built-in Analytics Tampering Detection  Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Hand Map, Dwell Time, Direction Detection, Smoke Detection, Land tanded Chiese Pelate Recognition, People Queue Detection, Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)  Network  Network Protocol & Service Pv4/46, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SMMP  Ethernet Port 1x Ethernet (10/100 Base-T), RJ-45 pigtail connector	Compression	H.265, H.264 (Baseline/ Main/ High profile), MJPEG
Bit Rate Mode Constant, Variable  Extreme WDR (142 dB)  Image Enhancement White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defogging  Digital Noise Reduction 2D + 3D DNR  Privacy Mask 4 configurable regions  Text Overlay Yes  On-Screen Graphics (Picture Overlay)  Built-in Analytics Tampering Detection  Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Healt Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)  Network  Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP  Ethernet Port 1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector		
Wide Dynamic Range         Extreme WDR (142 dB)           Image Enhancement         White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defogging           Digital Noise Reduction         2D + 3D DNR           Privacy Mask         4 configurable regions           Text Overlay         Yes           On-Screen Graphics (Picture Overlay)         Yes           Built-in Analytics         Tampering Detection           Server-based Analytics         Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTI support for recommendations on how to maximize analytical accuracy)           Image Orientation         Mirror, Flip, Rotation (Corridor mode)           Network         IPV4/V6, TCP, UDP, DHCP, PPPOE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP           Ethernet Port         1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	Multi-Streaming	Simultaneous dual streams based on two configurations
Image Enhancement  White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defogging  Digital Noise Reduction  2D + 3D DNR  4 configurable regions  Text Overlay  Yes  On-Screen Graphics (Picture Overlay)  Built-in Analytics  Tampering Detection  Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)  Network  Network  IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP  1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	Bit Rate Mode	Constant, Variable
Digital Noise Reduction   2D + 3D DNR	Wide Dynamic Range	Extreme WDR (142 dB)
Privacy Mask  4 configurable regions  Text Overlay  Yes  On-Screen Graphics (Picture Overlay)  Built-in Analytics  Tampering Detection  Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)  Network  Network  Protocol & Service  IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP  Ethernet Port  1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	Image Enhancement	
Text Overlay Yes On-Screen Graphics (Picture Overlay)  Built-in Analytics Tampering Detection Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)  Network  Network Protocol & Service IPV4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP  Ethernet Port 1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	Digital Noise Reduction	2D + 3D DNR
On-Screen Graphics (Picture Overlay)  Built-in Analytics  Tampering Detection  Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)  Image Orientation  Mirror, Flip, Rotation (Corridor mode)  Network  Network Protocol & Service  IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP  1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	Privacy Mask	4 configurable regions
Overlay)  Built-in Analytics  Tampering Detection  Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)  Metwork  Network Protocol & Service  IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP  Ethernet Port  1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	Text Overlay	Yes
Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)  Mirror, Flip, Rotation (Corridor mode)  Network  Network Protocol & Service  IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP  1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector		Yes
Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)  Mirror, Flip, Rotation (Corridor mode)  Network  Network Protocol & Service  IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP  1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	Built-in Analytics	Tampering Detection
Network  Network Protocol & Service  IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP  Ethernet Port  1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	Server-based Analytics	Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, Direction Detection, Automatic License Plate Recognition, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to
Network Protocol & Service  IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP  1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	Image Orientation	Mirror, Flip, Rotation (Corridor mode)
ARP, Bonjour, UPnP, QoS, SNMP  Ethernet Port 1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector	Network	
	Network Protocol & Service	
Security IP address filtering, HTTPS encryption, Password protected user level, Anonymous login	Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 pigtail connector
	Security	IP address filtering, HTTPS encryption, Password protected user level, Anonymous login

Event Trigger	Video motion detection (3 regions) Tampering detection
Event Response	Notify control center, Change camera settings, E-mail notification with snapshots, Save video to local storage, Upload video or snapshot to FTP server

# **System**

Watchdog	Support
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# Integration

Unified Solution	Fully compatible with ACTi software
GPS Position	Manual setting
Edge Recording	Support (integration with NVR by ONVIF Profile G or proprietary protocol)*
ONVIF Compliant	Yes, Profile S, Profile T
Web Browser	IE 11
Auto Firmware Upgrade	Yes

### Interface

Local Storage	MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 128GB, Kingston or Sandisk only)
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### General

Power Source	DC 12V (adapter not included), PoE Class 3 (IEEE802.3af)	
Weight	694g (1.53lb)	
Dimensions	(Ø x L): 80mm x 258.30mm (3.149" x 10.169")	
Environmental Casing	Weatherproof (IP66), Vandal proof metal casing (IK10)	
Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 2-3 years.	
Bundled Accessories	Integrated bracket	
Starting Temperature	-20°C ~ 50°C (-4°F ~ 122°F)	
Operating Temperature	-30°C ~ 50°C (-22°F ~ 122°F)	
Operating Humidity	20% - 80% RH	
Approvals	CE, FCC, EAC, IP66, NEMA 4X, IK10 (metal casing)	
Real-time Clock (RTC)	No	
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty	
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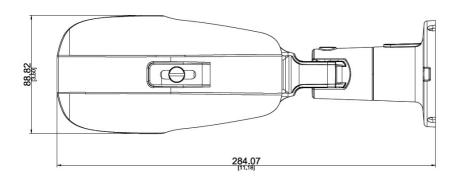
<sup>\*</sup> Edge Recording function is integrated with NVR 3 Corporate / NVR 3 Business / INR / GNR series.

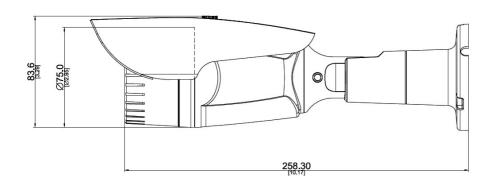
# Photo Indication



- 1 Ethernet Port
- 2 Power Input
- 3 Memory Card Slot (inside the front cover)

# Dimension Diagram





Unit: mm [inch]

# Related Products

# **Mounting Accessories - Camera Mount**

PMAX-0506	Pole Mount (for A31, A4x, E78, E9x, E9xx), supports 2" to 3" Poles
PMAX-0508	Pole Mount (for PMAX-0203, PMAX-0204, PMAX-0205, PMAX-0206, PMAX-0704), supports 3" to 9" Poles
PMAX-0704	Junction Box (for A4x, B4x, B41x, E44, E45, E46, E48, E44A, E45A, E46A, E41x, I4x, PMAX-0203~PMAX-0205)
PMAX-0706	Junction Box (for A3x, A4x, E39, E41x, PMAX-0805)

 $\textbf{Note} : Some \ mounting \ accessories \ may \ need \ additional \ accessories \ for \ installation. \ Please \ check \ \underline{www.acti.com/mountingselector} \ for \ more \ information.$