E417

2MP Video Analytics Zoom Bullet with D/N, Adaptive IR, Extreme WDR, SLLS, 10x Zoom Lens



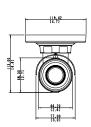
- 2 Megapixel with 1080p
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- 10x Zoom Lens with f4.9 49mm / F2.8 3.5,
 Adaptive Iris, Auto Focus (for Installation)
- Extreme WDR (145 dB)
- 60 fps at 1920 x 1080 (60 Hz)
- Weatherproof (IP68) and Vandal Proof Metal Casing (IK10)
- Built-in Analytics

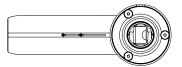
PHOTO INDICATION

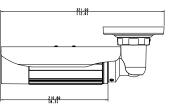


- 1 Memory Card Slot
- 2 Power LED
- 3 Reset Button
- 4 Digital Input / Output
- 6 DC 12V Power Input
- 6 Ethernet Port
- Audio-In
- 8 Audio-Out

DIMENSION DIAGRAM







Unit: mm [inch]

ACCESSORY OPTIONS

Power Supply		
PPOE-0001	O O +	IEEE 802.3af PoE Injector for Class 1, 2 or 3 devices, with universal adapter
PPBX-0002		AC 100-240V to DC 12V power adapter with universal connector

Popular Mounting Solutions		
Wall	Integrated bracket	
Ceiling	Integrated bracket	
Pole	PMAX-0504	
Gang Box	PMAX-0806	

^{*} For more mounting solutions, please refer to Project Planner on www.acti.com



E417

PRODUCT SPECIFICATION

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Image Sensor Sires Clearly Polishadown 104 / 19, 125 / 10, 23 MP) Low Light Sandwith Millians Burnination Opportunities Color to RM Switch	• Device	-
Serior State	Device Type	Zoom Bullet
Effective Problem	Image Sensor	Progressive Scan CMOS
Note	Sensor Size	1/2.8"
Day Night Liver Upt Smithshirty Cours 1, 11 and 12, 2, 60 in RE, 2400 TME,	Effective Pixels	1944 (H) x 1224 (V) (2.38 MP)
Love Light Seasonsy Superior	Horizontal Resolution	1100 TVL
Minimum Mini	Day / Night	Yes
Minimum Mini		Superior
Color to BM Switch (Restable) Free (Restable)		
Michanisma (R. Out Pilare R. LED R. Sematoky Replace R. Sematoky R. Sematoky R. Sematoky Replace R. Sematoky R. Sematoky R. Sematoky Replace R. Sematoky R.	Color to B/W Switch	
R. Semborky Tange R. Part	Mechanical IR Cut Filter	•
R.LED Maphies R.LED x 18 (650 mm)		
IR Voting Distance Electronic Shittler 186 - 12,000 see (manual mode), 195 - 110,000 see (sauto mode) Shit Ratio 56 dB Fecal Length / Apprilure Coom Agin / Speed Coom Agin /	, ,	
Electronic Shalter 1/5 - 1/2,000 sec (manual mode); 1/5 - 1/10,000 sec (auto mode)		
SIN Ratio Lines Focal Length / Aporture Zoom Ratio / Speed 10x optical / 3.3 sec (wide to tele) Zoom Against / Aporture Zoom Ratio / Speed 10x optical / 3.3 sec (wide to tele) Zoom Against / Speed Autor for Aduptive ins Autor for Aduptive insert	•	
Focal sength (Aperture Zoom (As 9 - 49mm (F.28-3.5) Zoom Rapication Tris Focus Adaptive in Audio Foced		
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Zoom Rapication Camerage installation Driver Adaptive iris Coom Application Adaptive iris Focus Adaptive iris Mount Type Board mount Horizontal Viewing Angile 00" - 7.3" Horizontal Viewing Angile 00" - 7.3" Compression H 284 (Baseline / Main / High profile), MJPEG Max. Frame Plate vs. Resolution 60 ps at 1920 x 1080, 00 ps at 1200 x 200, 30 ps at 320 x 240 Milk-Streaming Simultaneous triple sterams based on wide configurations Bit Rate 128 Kbas 128 Kbps. 128 Mbps (see steram) Bit Rate Mode Externe WDR (145 dB) White balance: automatic, hold and manual: Brightness, Contrast, Variable Head of Versity User defined last on video 20 contain, Variable Tead Overlay User defined last on video 20 continguation regions User of Mark Angiles 20 continguation regions 13 continguation regions Fleat Overlay User defined last on video 20 configuration regions User of Mark Angiles 20 configuration regions 13 continguation regions User of Viewish 20 continguation regions 13 continguation r		
Zoom Application in Adaptive iris Board mount 60° 7- 73° Video Compression 4 124 (Baseline / Main / High profile) MJPEG Maker, Frame Rate vs. Resolution Multi-Streaming Bit Rate 60° 159 at 1200 x 1080, 80° 159 at 1200 x 220, 30° 159 at 3400 x 480; 30° 59 at 3200 x 240 Multi-Streaming Bit Rate 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker, Frame Rate vs. Resolution Multi-Streaming Bit Rate 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 128 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 129 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 129 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 129 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 129 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 129 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 129 Kokp. 21 24 Mbbp (see Internal Main Profile) MJPEG Maker 129 Kokp. 21 24 Mbbp (see I	Focal Length / Aperture	Zoom, f4.9 - 49mm / F2.8 - 3.5
Fines	Zoom Ratio / Speed	10x optical / 3.3 sec (wide to tele)
Mount Type	Zoom Application	Camera installation
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Mount Type Helicotrolal Vewing Angle Wideo Video Video Video Aller Frenen Rate vs. Resolution Mini-Streaming Bit Rate Bit Rate Mode Extreme Winz (1909, 80 pp. at 1200 x 720 - 30 pp. at 1200 x 400 30 pp. at 320 x 240 Mini-Streaming Bit Rate Bit Rate Mode Extreme Winz (1909, 90 pp. at 1200 x 720 - 30 pp. at 1200 x 400 30 pp. at 320 x 240 Mini-Streaming Bit Rate Bit Rate Mode Extreme Winz (1909, 90 pp. at 1200 x 120 pp. at 1200 x 100 pp. at 1200 x 400 30 pp. at 320 x 240 Mini-Streaming Bit Rate Mode Extreme Winz (1909, 190	Focus	·
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H. 284 (Baseline / Main / High profile), MJPEG Max. Frame Rate vs. Resolution Bit Rate Main / High profile), MJPEG Max. Frame Rate vs. Resolution Bit Rate Bit R	· · · · · · · · · · · · · · · · · · ·	
Mark Frame Rate vs. Resolution Mark Frame Rate vs. Resolution 60 fps at 190 x 100, 30 fps at 190 x 400, 30 fps at 300 x 240		
Max. Frame Rate vs. Resolution Mills Streaming Simultaneous triple streams based on video configurations Bit Rate Bit Ra		HANA (Daveller (Maile (Michaeller) MIDEO
Multi-Streaming Simultaneous triple streams based on video configurations Bill Rate 128 Rbps - 128 Rbps (Per stream) Bill Rate 4 Rbps (Per stream) Bill Rate 5 Rbps - 128 Rbps (Per stream) Bill Rate 5 Rbps - 128 Rbps (Per stream) Bill Rate 5 Rbps - 128 Rbps - 128 Rbps (Per stream) Bill Rate 5 Rbps - 128 Rbps	•	
Bit Rate Mode Extreme WDR (145 dB), White balance: automatic, hold and manual. Brightness: Contrast: Sharpness (auto); Auto gain control; 2D-3D digital noise reduction; Elickeries; "Defogging; Digital image stabilizer Text Overlay Pravary Mask Diject Based Motion Detection, Tamper, Digital Image Stabilizer Pravary Mask Diject Based Motion Detection, Tamper, Digital Image Stabilizer, "Line Crossing, "Enter Area, "Ext. Area, "Appear in Area, "Missing Object, "Unattended Object Image Orientation Image Orientation Bakitz, Mono, PCM, 16 bit encoding, G.711 Audio-10 Cable with 3.5mm phone jack Audio-Out Cable with 3.5mm phone jack Audio-Out Cable with 3.5mm phone jack Audio-Out Topic HTTP, HTTPs, DHCP, PPPGE, RTP, RTSP, IP-4, IP-46, DNS, DDNS, NTP, Protocol & Service TCP, UDP, HTTP, HTTPs, DHCP, PPPGE, RTP, RTSP, IP-44, IP-46, DNS, DDNS, NTP, IM-4, IR-46, DNS, DNS, NTP, IM-46, DNS, DNS, DNS, DNS, DNS, DNS, DNS, DNS		
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Sharpness (auto); Auto gain control; 2D-130 digital noise reduction; Flickerless; "Defogging; Digital image stabilizer Text Overlay Pirkacy Mask 20 configurable regions Built-in Analytics "Line Crossing, "Enter Area, "Exit Area, "Appear in Area, "Missing Object, "Unattended Object Image Orientation Image Orientation Audio	Bit Rate Mode	Constant, Variable
Text Overlay Te	Image Enhancement	
Privacy Mask Object Based Motion Detection, Tamper, Digital Image Stabilizer, **Unine Crossing, "Enter Area, "Exit Area, "Appear in Area, "Missing Object, "Unattended Object Image Orientation **Audio* **Compression **Audio* **Compression **Audio* **Oution* **Cable with 3.5mm phone jack **Audio* **Oution* **	•	
Bult-in Analytics Object Based Motion Detection. Tamper, Digital Image Stabilizer, *Line Crossing, *Enter Area, *Exit Area, *Appear in Appear in Ap	Text Overlay	User defined text on video
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Image Orientation Audio Compression Audio-Out Cable with 3.5mm phone jack Cable with 3.5mm phone jack Audio-Out Cable with 3.5mm phone jack Cable with 3.5mm phone jack Audio-Out Cable with 3.5mm phone jack Cable with 3.5mm phone jack TCP_UDP_HTTP_HTTPs_DHCP_PPDE_RTP_RTSP_IPV4, IPV6, DNS, DDNS, NTP. ICEMPARP, IGMP_SMMP_FTP_UPPE_SMMP_Bologur_Sony VISCA, Pelco-D, Pelco-P I. Elhernet (10/100 Base-T), RI-45 connector Security IP address filtering; HTTPs encryption; Password protected user levels; Anonymous login; IEEE802.1X network access control Alarm Alarm Trigger Video motion detection (10 regions); External device through digital input; Sound detection Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Save video or snapshot to local storage; Upload video or snapshot to FTP server; Activate external device through digital output Interface Digital Input 1, Terminal block Digital Input 1, Terminal block Digital Cutput Cacl Storage MicroSDHC card slot (card not included) POEC Class 3 (IEEE802.3af) / 9 W; DC 12V (adapter not included) Weight 1120 g (2 4691 lb) Dimensions (W x H x D) Binnersions (W x H	Built-in Analytics	Object Based Motion Detection, Tamper, Digital Image Stabilizer,
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Audio-In Audio-Out Cable with 3.5mm phone jack Audio-Out Cable with 3.5mm phone jack Network Protocol & Service ICP, UDP, HTTP, HTTPs, DHCP, PPDEE, RTP, RTSP, IPv4, IPv4, IDv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, ARP, IGMP, ARP, IFT, UPAP, SNMP, Bonjour, Sony VISCA, Pelco-D, Pelco-P Ethernet Port I, Ethernet (10/100 Base-T), RJ-45 connector Security IP address filtering; HTTPs encryption; Password protected user levels; Anonymous login; IEEE802.1X network access control Alarm Response Alarm Trigger Video motion detection (10 regions); External device through digital input; Sound detection Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Save video or snapshot to local storage; Upload video or snapshot to IFTP server; Activate external device through digital output Interface Digital Input Source / Consumption Pose Class 3 (IEEE802.3af) / 9 W; DC 12V (adapter not included) Weight Power Source / Consumption PoE Class 3 (IEEE802.3af) / 9 W; DC 12V (adapter not included) Weight Integrated bracks Dimensions (W x H x D) Integrated bracks Weatherproof (IP88 rated); Vandal proof metal casing (IK10) Mount Type Weatherproof (IP88 rated); Vandal proof metal casing (IK10) Worder Goperating Temperature Operating Tempe	Audio	
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ICMP, ARP, IGMP, SMTP, FTP, UPnP, SMMP, Bonjour, Sony VISCA, Pelco-D, Pelco-P Ethernet Port I, Ethernet (10/100 Base-T), RJ-45 connector Security IP address filtering; HTTPs encryption; Password protected user levels; Anonymous login; IEEE802.1X network access control Alarm Alarm Trigger Notify control center, Change camera settings; Command other devices; E-mail notification with snapshots; Save video or snapshot to local storage; Upload video or snapshot to FTP server; Activate external device through digital output Interface Digital Input Digital Input I, Terminal block Digital Output Seneral Power Source / Consumption PoE Class 3 (IEEE802.38f) / 9 W; DC 12V (adapter not included) Weight Dimensions (W x H x D) Mount Type Weatherproof (IP68 rated); Vandal proof metal casing (IK10) Mount Type Wall, Pole, Ceiling, Gang box Starting Temperature Operating Temperature Operating Humidity CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), IP68, NEMA AX, IK10 (metal casing), UL (for optional PoE injector and power adapte **Integration** Integration Firmware Access Browser Auto Firmware Upgrade Ves	- Network	TOR LIDE LITTE LITTE, DUOS DEDUC DES ESTO DE ONO DENO NETO
Ethernet Port Security IP address filtering; HTTPs encryption; Password protected user levels; Anonymous login; IEEE802.1X network access control Alarm Trigger Alarm Trigger Video motion detection (10 regions); External device through digital input; Sound detection Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Save video or snapshot to local storage; Upload video or snapshot to FTP server; Activate external device through digital output Interface Digital Input Signal Input Interface Digital Input Interface Digital Output Interface Power Source / Consumption Poet Class 3 (IEEE802.3af) / 9 W; DC 12V (adapter not included) Veight Interface Power Source / Consumption Poet Class 3 (IEEE802.3af) / 9 W; DC 12V (adapter not included) Veight Interface Power Source / Consumption Poet Class 3 (IEEE802.3af) / 9 W; DC 12V (adapter not included) Veight Interface Veight Interface Veight Very Nath X D) Very Nath X	Protocol & Service	
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$\ensuremath{^{**}}$ Functionalities will be available in a future firmware update

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