



EmPower Series

IP-6EB-MVF-PA



6MP WDR IR Eyeball Network Camera













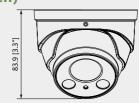
System Overview

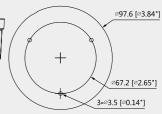
With upgraded H.265 encoding technology, EmPower series brings high efficient video compression capability. It can save bandwidth and storage. Meanwhile, the series features starlight, smart IR technology and intelligent image analysis techniques. This series supports reminder function, meanwhile fully protected from dust and water, certified to IP67 and vandal resistant to IK10

Features

- 1/2.9" 6Megapixel progressive scan STARVIS™ CMOS
- ▶ H.265&H.264 dual-stream encoding
- 20fps@6M(3072×2048),25/30fps@4M(2688×1520)
- Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, Unisight VMS
- 2.7mm ~13.5mm motorized lens
- Built-in Mic
- Max. IR LEDs Length 50m
- Micro SD card memory, IP67, PoE

Dimensions(mm/inch)





Functions

ePoE technology

The ePoE technology of Dahua, designed internally, adopts advanced 2D-PAM3 coding modulation from physical layer, and realizes full duplex transmission over 800 meters at the speed of 10Mbps, or 300 meters at the speed of 100Mbps via Cat 5 or coaxial cable media. Besides, it supports PoE and PoC power supply technology which has greatly simplified construction and wiring. The ePoE technology offer a new way to accomplish long distance transmission between IP camera and network switch. It allows more flexible surveillance system design, improves reliability and saves construction and wiring cost.

4K technology

4K technology as a revolutionary breakthrough in image, which enhance the expressive image of essence, allowing users to experience the best picture quality brought about by the visual feast. For the purposes of 4K surveillance with four times the 1080P resolution, presented to the user with more details. Under the same scenario by raising the pixels, reduce the camera cost.

Wide Dynamic Range

Embedded with industry leading wide dynamic range (WDR) technology, vivid pictures are achieved even in the most intense contrast lighting conditions. For applications with both bright and low lighting conditions that change quickly, True WDR (120dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

Intelligent Video System (IVS)

With built-in intelligent video analytics, the camera has the ability to detect and analyze moving objects for improved video surveillance. The camera provides optional standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a pre-determined line has been crossed, ideal for business intelligence, and Facial Detection, for searching or identification of individuals.

Protection(IP67, wide voltage)

Supporting ±30% input voltage tolerance, this camera suits even the most unstable conditions for outdoor applications. Its 4KV lightning rating provides effective protection for both the camera and its structure against lightning. IP67 is supported by the camera, which makes it suitable for both indoor and outdoor environments.

Smart H.265+

Deliver high quality video without straining the network, Smart H.265+ is the optimized implementation of H.265. The Smart H.265+ encoding technology includes a scene adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction, providing saving of up to 70% of bandwidth and storage when compared with standard H.265. DOVIE PSIA





EmPower Series

IP-6EB-MVF-PA



Technical Specification					
Camera					
Image Sensor		1/2.9" 6Megapixel progressive scan CMOS			
Effective Pixels		3072(H)x2048(V)			
RAM/ROM		512MB/32MB			
Scanning System		Progressive			
Electronic Shutter Speed		Auto/Manual, 1/3~1/100000s			
Minimum Illumination		0.03Lux/F1.4 (Color,1/3s,30IRE) 0.3Lux/F1.4 (Color,1/30s,30IRE) 0Lux/F1.4(IR on)			
S/N Ratio		More than 50dB			
IR Distance		Distance up to 50m (164ft)			
IR On/Off Control		Auto/ Manual			
IR LEDs		2			
Lens					
Lens Type		Motorized/ Auto Iris(DC)			
Mount Type		Board-in			
Focal Length		2.7mm~13.5mm			
Max. Aperture		F1.4			
Angle of View		H:91°~27° , V:58°~18°			
Optical Zoom		5x			
Focus Control		Motorized			
Close Focus Distance		0.3m			
	Lens	Detect	Observe	Recognize	Identify
DORI Distance	W	79m(259ft)	32m(105ft)	16m(52ft)	8m(41ft)
	Т	256m(840ft)	102m(334ft)	51m(167ft)	25m(84ft)
Pan/Tilt/Rot	ation				
Pan/Tilt/Rotation Range		Pan:0°~360°; Tilt:0°~78°; Rotation:0°~360°			
Intelligence					
IVS		Tripwire, Intrusion, Object Abandoned/Missing			
Advanced Intelligent Functions		Face Detection			
Video					
Compression		H.265+/H.265/H.264+/H.264			
Streaming Capability		3 Streams			
Resolution		6M(3072×2048)/5M(3072×1728)/ 5M(2592×1944)/ 4M(2688×1520)/ 3M(2048×1536)/ 3M(2304×1296)/ 1080P(1920×1080)/1.3M(1280×960)/ 720P(1280×720)/ D1(704×576/704×480)/ VGA(640×480)/ CIF(352×288/352×240)			
Frame Rate		Main Stream: 6M(1~20fps)/4M(1~25/30fps)			
		Sub Stream: D1(1~25/30fps)			
		Third Stream: 720P(1~25/30fps)			
Bit Rate Control		CBR/VBR			

Bit Rate H.264: 24K - 10240Kbps H.265: 14K - 9984Kbps Day/Night Auto(ICR) / Color / B/W BLC Mode BLC / HLC / WDR White Balance Auto/Natural/Street Lamp/Outdoor/Manual Auto(ICR) / Color / B/W White Balance Auto/Natural/Street Lamp/Outdoor/Manual Noise Reduction 3D DNR Motion Detetion Off / On (4 Zone, Rectangle) Region of Interest Off / On (4 Zone) Electronic Image Stabilization (ICIS) Smart IR Support Defog N/A Digital Zoom 16x Flip 0''90''180''270' Mirror Off / On (4 Area, Rectangle) Audio Compression G.711a / G.711Mu/ AAC/ G.726 Network Ethernet R.45 (10/100Base-T) HTTP; HTTPs, TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHC; DNS; DDNS; PBPOE; IPV4/V6; QoS; UPPRNTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users / 20 Users Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone 10S, Android Certifications Certifications Certifications CE (E (EN 60950-2000) UL:UL0950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PcE(802.3af)(Class 0) Power Consumption <8.5W				
BLC Mode White Balance Auto/Natural/Street Lamp/Outdoor/Manual Gain Control Auto/Manual Noise Reduction 3D DNR Motion Detetion Off / On (4 Zone, Rectangle) Region of Interest Off / On (4 Zone) Electronic Image Stabilization (EIS) Smart IR Support Defog N/A Digital Zoom 16x Flip O*/90*/180*/270* Mirror Off / On Privacy Masking Off / On (4 Area, Rectangle) Audio Compression G.711a/ G.711Mu/ AAC/ G.726 Network Ethernet R.9-45 (10/100Base-T) HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PDOS; IPPnPNTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users / 20 Users NAS Edge Storage Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical POC12V, PoE(802.3af)(Class 0)	Bit Rate	H.264: 24K ~ 10240Kbps H.265: 14K ~ 9984Kbps		
White Balance Gain Control Auto/Manual Noise Reduction 3D DNR Motion Detetion Off / On (4 Zone, Rectangle) Region of Interest Off / On (4 Zone) Electronic Image Stabilization (EIS) Smart IR Support Defog N/A Digital Zoom 16x Flip 0''90''180''/270° Mirror Off / On (4 Area, Rectangle) Audio Compression G.711a/G.711Mu/AAC/G.726 Network Ethernet RJ-45 (10/100Base-T) HTTP; HTTP; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPP; NNP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access I 0 Users / 20 Users Magement Software Unisight VMS Smart Phone IOS, Android Certifications CE (EN 60950:2000) UL: Ul. 60950:1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Day/Night	Auto(ICR) / Color / B/W		
Gain Control Auto/Manual Noise Reduction 3D DNR Motion Detetion Off / On (4 Zone, Rectangle) Region of Interest Off / On (4 Zone) Electronic Image Stabilization (EIS) Smart IR Support Defog N/A Digital Zoom 16x Flip 0'990'180'270° Mirror Off / On (4 Area, Rectangle) Audio Compression G.711a/ G.711Mu/ AAC/ G.726 Network Ethernet RJ-45 (10/100Base-T) HTTP: HTTP: TCP: ARP: RTSP: RTP: UDP: SMTP: FTP: DHCP: DNS: DDNS: PPPOE: Pv4/v6; QoS; UPnP: NTP: Bonjour; 802.1s; Multicast; ICMP: IGMP: SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access Edge Storage Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications Certifications Certifications Local PC Core instant Recording Mirco SD card 128GB Interface Video Interface N/A Audio Interface N/A Alarm N/A Plectrical Power Supply DC12V, PoE(802.3af)(Class 0)	BLC Mode	BLC/HLC/WDR		
Noise Reduction 3D DNR Motion Detetion Off / On (4 Zone, Rectangle) Region of Interest Off / On (4 Zone) Electronic Image Stabilization (EIS) N/A Smart IR Support Defog N/A Digital Zoom 16x Flip 0*90*0180*270** Mirror Off / On Privacy Masking Off / On (4 Area, Rectangle) Audio Off / On (4 Area, Rectangle) Audio Oneression Retwork B. 45 (10/1008ase-T) Ethernet R.J - 45 (10/1008ase-T) Protocol B. 17P; HTTP; HTTP; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHC; DNS; DDNS; PPPOE; IPV4/v6; QoS; UPnP:NTP; Bonjour; 80.2.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users / 20 Users Max. User Access 10 Users / 20 Users Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone 10S, Android Certifications CE (EN 60950:2000) User Sector For Instant recording Mirco SD card 128G Video Interface N/A Audio Interface N/A Audio Interface N/A A	White Balance	Auto/Natural/Street Lamp/Outdoor/Manual		
Motion Detetion Off / On (4 Zone, Rectangle) Region of Interest Off / On (4 Zone) Electronic Image Stabilization (EIS) Smart IR Support Defog N/A Digital Zoom 16x Flip 0'990'180'270° Mirror Off / On (4 Area, Rectangle) Audio Compression G.711a / G.711Mu / AAC / G.726 Network Ethernet RJ-45 (10/100Base-T) Protocol DHCP, DNS; DDNS; PPPOE; PV4/v6; QoS; UPnPP,NTP Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users / 20 Users Edge Storage Local PC for instant recording Mirros D card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone 10S, Android Certifications Certifications Certifications Certifications CE (EN 60950:2000) Uc. User SCAP Source Supply Interface N/A Audio Interface N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Gain Control	Auto/Manual		
Region of Interest Off / On (4 Zone) Electronic Image Stabilization (EIS) Smart IR Support Defog N/A Digital Zoom 16x Flip 0°/90°/180°/270° Mirror Off / On Privacy Masking Off / On (4 Area, Rectangle) Audio Compression G.711a/ G.711Mu/ AAC/ G.726 Network Ethernet RJ-45 (10/1008ase-T) HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHC; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPPP; NTP Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users /20 Users Edge Storage Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications CE (EN 60950:2000) U:UL00950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Noise Reduction	3D DNR		
Electronic Image Stabilization (EIS) Smart IR Support Defog N/A Digital Zoom 16x Flip 0''90''180''270'* Mirror Off / On Privacy Masking Off / On (4 Area, Rectangle) Audio Compression G.711a / G.711Mu / AAC / G.726 Network Ethernet R.1-45 (10'1008ase-T) HTTP; HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DMS; DDNS; PPPOE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; ISMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users / Multicast Edge Storage Neb Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications Certifications Certifications Certifications Ditterface Video Interface N/A Audio Interface N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Motion Detetion	Off / On (4 Zone, Rectangle)		
(EIS) Smart IR Support Defog N/A Digital Zoom 16x Flip 0'/90'/180'/270° Mirror Off / On Privacy Masking Off / On (4 Area, Rectangle) Audio Compression G.711a/ G.711Mu/ AAC/ G.726 Network Ethernet RJ-45 (10/1008ase-T) Protocol Privacy Masking Off / On (4 Area, Rectangle) Network Ethernet RJ-45 (10/1008ase-T) Protocol DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users /20 Users Edge Storage Nax. User Access Unisight VMS Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications Certifications Certifications Certifications UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Region of Interest	Off / On (4 Zone)		
Defog N/A Digital Zoom 16x Flip 07/907/1807/270° Mirror Off / On Privacy Masking Off / On (4 Area, Rectangle) Audio Compression G.711a/ G.711Mu/ AAC/ G.726 Network Ethernet RJ-45 (10/100Base-T) Protocol HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHC; DNS; PPPOE; IPV4/V6; QoS; UPP; NTP; Bonjour; 80:2.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users / Users Edge Storage NAS Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)		N/A		
Digital Zoom 16x Flip 0'990'180'270° Mirror Off / On Privacy Masking Off / On (4 Area, Rectangle) Audio Compression G.711a/ G.711Mu/ AAC/ G.726 Network Ethernet RJ-45 (10/100Base-T) HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users / AS Edge Storage Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications Certifications Certifications UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Smart IR	Support		
Flip 0'/90'/180'/270' Mirror Off / On Privacy Masking Off / On (4 Area, Rectangle) Audio Compression G.711a / G.711Mu / AAC / G.726 Network Ethernet RJ-45 (10/100Base-T) Protocol HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DMS; DDNS; PPPOE; IPV4/N6; QoS; UPAP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users / 20 Users Edge Storage NAS Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Defog	N/A		
Mirror Off/On Privacy Masking Off/On (4 Area, Rectangle) Audio Compression G.711a/ G.711Mu/ AAC/ G.726 Network Ethernet RJ-45 (10/100Base-T) Protocol HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPV-4/NG; QoS; UPPP; NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users NAS Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Digital Zoom	16x		
Privacy Masking Off / On (4 Area, Rectangle) Audio Compression G.711a/ G.711Mu/ AAC/ G.726 Network Ethernet RJ-45 (10/100Base-T) Protocol DHCP; DNS; DDNS; PPPOE; IPV4/V6; QoS; UPNP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users /20 Users Edge Storage NAS Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Flip	0°/90°/180°/270°		
Audio Compression G.711a/ G.711Mu/AAC/G.726 Network Ethernet RJ-45 (10/100Base-T) Protocol HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users Edge Storage Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Mirror	Off/On		
Compression G.711a/ G.711Mu/ AAC/ G.726 Network Ethernet R45 (10/100Base-T) HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users /20 Users NAS Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Privacy Masking	Off / On (4 Area, Rectangle)		
Network Ethernet RJ-45 (10/100Base-T) HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users Edge Storage NAS Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Audio			
Ethernet RJ-45 (10/100Base-T) Protocol HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users / Users Edge Storage NAS Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Compression	G.711a/ G.711Mu/ AAC/ G.726		
HTTP; HTTPs; TCP; ARP; RTSP, RTP; UDP; SMTP; FTP; DHCP; DMS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users / 20 Users Edge Storage NAS Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Network			
Protocol DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP Interoperability ONVIF, PSIA, CGI Streaming Method Unicast / Multicast Max. User Access 10 Users /20 Users MAS Edge Storage Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications Certifications CE(EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Ethernet	RJ-45 (10/100Base-T)		
Streaming Method Max. User Access 10 Users /20 Users NAS Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Protocol	DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP;		
Max. User Access 10 Users /20 Users Edge Storage Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone 10S, Android Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Interoperability	ONVIF, PSIA, CGI		
Edge Storage NAS Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Streaming Method	Unicast / Multicast		
Edge Storage Local PC for instant recording Mirco SD card 128GB Web Viewer IE, Chrome, Firefox, Safari Management Software Unisight VMS Smart Phone IOS, Android Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Max. User Access	10 Users /20 Users		
Management Software Unisight VMS Smart Phone IOS, Android Certifications Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Edge Storage	Local PC for instant recording		
Smart Phone IOS, Android Certifications Certifications Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Web Viewer	IE, Chrome, Firefox, Safari		
Certifications Certifications CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Management Software	Unisight VMS		
CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B N/A Author Subpart B N/A DC12V, PoE(802.3af)(Class 0)	Smart Phone	IOS, Android		
Certifications UL:UL60950-1 FCC: FCC Part 15 Subpart B Interface Video Interface N/A Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Certifications			
Video Interface Audio Interface Built-in Mic RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Certifications	UL:UL60950-1		
Audio Interface RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Interface			
RS485 N/A Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Video Interface	N/A		
Alarm N/A Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	Audio Interface	Built-in Mic		
Electrical Power Supply DC12V, PoE(802.3af)(Class 0)	RS485	N/A		
Power Supply DC12V, PoE(802.3af)(Class 0)	Alarm	N/A		
	Electrical			
Power Consumption <8.5W	Power Supply	DC12V, PoE(802.3af)(Class 0)		
	Power Consumption	<8.5W		



EmPower Series

IP-6EB-MVF-PA



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Environmental				
Operating Conditions	-30° C $^{\sim}$ +60° C (-22° F $^{\sim}$ +140° F) / Less than 95% RH			
Strorage Conditions	-30° C $^{\sim}$ +60° C (-22° F $^{\sim}$ +140° F) / Less than 95% RH			
Ingress Protection	IP67			
Vandal Resistance	N/A			
Construction				
Casing	Metal			
Dimensions	Ф122mm×104mm(4.8"×4.09")			
Net Weight	0.6Kg (1.32lb)			
Gross Weight	0.76Kg (1.67lb)			

Accessories (optional)



PFA137 Junction Box



PFA152-E Pole Mount



PFB203W Wall Mount



LR1002 ePoE Over Coax Converter

