



**Em**Power Series

# IP-6EB-F28/36-PAL



### **6MP IR Eyeball Network Camera**



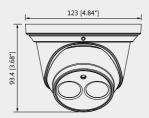
#### **System Overview**

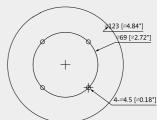
With upgraded H.265 encoding technology, EmPower series brings high efficient video compression capability. It can save bandwidth and storage. Meanwhile, the series features starlight, smart IR technology and intelligent image analysis techniques. This series supports reminder function, meanwhile fully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

#### **Features**

- ▶ 1/2.9" 6Megapixel progressive scan STARVIS<sup>™</sup> CMOS
- ▶ H.265&H.264 triple-stream encoding
- 20fps@6MP(3072x2048). 25/30fps@4MP(2688x1520)
- Smart detection supported
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, Unisight VMS
- 2 8mm/3 6mm fixed lens
- Built-in Mic
- Max. IR LEDs Length 50m
- Micro SD memory, IP67, PoE

## Dimensions(mm/inch)















## **Functions**

#### ePoE technology

The ePoE technology, 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.

#### Wide Dynamic Range

The camera achieves vivid images, even in the most intense contrast lighting conditions, using industry-leading wide dynamic range(WDR) technology. For applications with both bright and low lighting conditions that change quickly, true WDR (120 dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

### Intelligent Video System (IVS)

IVS is a built-in video analytic algorithm that delivers intelligent functions to monitor a scene for Tripwire violations, intrusion detection, and abandoned or missing objects. A camera with IVS quickly and accurately responds to monitoring events in a specific area. In addition to scene analytics, the camera supports face detection to quickly capture a face and upload the image to a server. The camera also offers tamper detection by recognizing a dramatic scene change and generating a warning message to inspect the camera.

#### **Environmental**

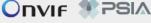
The cameras operate in extreme temperature environments, rated for use in temperatures from -30° C to +60° C (-22° F to +140° F) with 95% humidity, allowing the camera to operate in the harshest environments.

# Protection(IP67, wide voltage)

The camera allows for ±30% input voltage tolerance, suitable for the most unstable conditions for outdoor applications. Its 6KV lightning rating provides effective protection for both the camera and its structure against lightning. Subjected and certified to rigorous dust and immersion tests (IP67), the camera is the choice for installation in even the most unforgiving environments.

#### Smart H.265+

Smart H.265+ is the optimized implementation of the H.265 codec that uses a scene-adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multiframe reference structure and intelligent noise reduction to deliver high-quality video without straining the network. Smart H.265+ technology reduces bit rate and storage requirements by up to 70% when compared to standard H.265 video compression.











**Em**Power Series

# IP-6EB-F28/36-PAL



Technical S	pecification				
Camera					
Image Sensor		1/2.9" 6Megapixel progressive scan CMOS			
Effective Pixels		3072(H) x 2048(V)			
RAM/ROM		512MB/32MB			
Scanning System		Progressive			
Electronic Shutter Speed		Auto/Manual, 1/3(4)~1/100000s			
Minimum Illumination		0.04Lux/F1.6( Color,1/3s,30IRE) 0.4Lux/F1.6( Color,1/30s,30IRE) 0Lux/F1.6(IR on)			
S/N Ratio		More than 50dB			
IR Distance		Distance up to 50m (164ft)			
IR On/Off Control		Auto/ Manual			
IR LEDs		1			
Lens					
Lens Type		Fixed			
Mount Type		Board-in			
Focal Length		2.8mm/3.6mm			
Max. Aperture		F1.6(F1.6)			
Angle of View		H: 98° (69°), V: 67° (48°)			
Optical Zoom	Optical Zoom		N/A		
Focus Control	Focus Control		Fixed		
Close Focus Dis	Close Focus Distance		0.9m (1.7m)		
	Lens	Detect	Observe	Recognize	Identify
DORI Distance	2.8 mm 3.6 mm	69m(226ft) 89m(292ft)	28m(92ft) 36m(118ft)	14m(46ft) 18m(59ft)	7m(23ft) 9m(30ft)
Pan/Tilt/Po		03111(23211)	3011(11010)	18111(3511)	311(3011)
Pan/Tilt/Rotation		n ot ocat	TU. 01 TOL TOL		108
	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		(3072×2048)/(3072×1728)/(2592×1944)/ (2688×1520)/(2560×1440)/ (2304×1296)/1080P(1920×1080)/ SXGA(1280×1024)/1.3M(1280× 960)/720P(1280×720)/D1(704×576/704×480)/ CIF(352×288/352×240)			
Frame Rate		Main Stream: 6MP (1~20fps), 4MP(1~25/30fps)			
		Sub Stream: D1(1~25/30fps)			
		Third Stream: 1080P(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(120dB)			

White Balance  Gain Control  Auto/Manual  Noise Reduction  Motion Detetion  Region of Interest  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'y90'y180'y270*  Mirror  Off / On  Privacy Masking  Off / On (4 Area, Rectangle)  Audio  Compression  G.711a/ G.711Mu/ AAC/ G.726  Network  Ethernet  R.3-45 (10/100Base-T)  HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DPNS; PPPOE; IPv4/AG; Go.S; UPPP; NRP; Snojivur; 80.2.1x; Multicast; ICMP; IGMP; SMMP  Interoperability  ONVIF, PSIA, CGI  Streaming Method  Unicast / Multicast  Max. User Access  10 Users /20 Users  Edge Storage  Web Viewer  IE, Chrome, Firefox, Safari  Management Software  Unisight VMS  Smart Phone  IOS, Android  Certifications  Cet (EN 60950-2000)  ULUL60950-1  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)  Power Consumption				
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*/180*/270*       Mirror     Off / On       Privacy Masking     Off / On (4 Area, Rectangle)       Audio     Off / On (4 Area, Rectangle)       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; PPDG; IPv4/v6; QoS; UPrP, NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SMMP       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     CE (EN 60950:2000) UL: UL: US: 0950-1 FCC: FCC Part 15 Subpart B       Interface     V/A       Video Interface     N/A       Audio Interface     Built-in Mic	White Balance	Auto/Natural/Street Lamp/Outdoor/Manual		
Motion Detetion     Off / On (4 Zone)       Region of Interest     Off / On (4 Zone)       Electronic Image Stabilization (EIS)     N/A       Smart IR     Support       Defog     N/A       Digital Zoom     16x       Flip     0'990',180',7270'       Mirror     Off / On       Privacy Masking     Off / On (4 Area, Rectangle)       Audio     G.711a/ G.711Mu/ AAC/ G.726       Network     R.J. 45 (10/1008ase-T)       Ethernet     R.J. 45 (10/1008ase-T)       Protocol     HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DMS; DMS; PPDG; IPv4/v6; QoS; UPn,PNTP; 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     10S, Android       Certifications     CE (EN 60950:2000)	Gain Control	Auto/Manual		
Region of Interest  Electronic Image Stabilization (EIS)  Smart IR  Support  Defog  N/A  Digital Zoom  16x  Flip  07/9071807/270*  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; HTTP; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DNS; PPPOE; JPv4/v6; QoS; UPP; NS; DNS; PPPOE; JPv4/v6; QoS; UPP; NS; DNS; DNS; PPPOE; JPv4/v6; QoS; USP; SMS; DNS; PPOE; JPv4/v6; QoS; USP; SMS; DNS; DNS; PPOE; JPv4/v6; QoS; USP; SMS; DNS; PPOE; JPv4/v6; QoS; USP; SMS; DNS; DNS; PPOE; JPv4/v6; QoS; USP; SMS; MS; MS; MS; MS; MS; MS; MS; MS; M	Noise Reduction	3D DNR		
Electronic Image Stabilization (EIS)  Smart IR  Defog  N/A  Digital Zoom  16x  Flip  0'790'/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; HTTP; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; IPV4/V6; QoS; UPP,PNTP; 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  IOS, Android  Certifications  Certifications  Cet (EN 60950:2000)  UI: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)	Motion Detetion	Off / On (4 Zone, Rectangle)		
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 (10/100Base-T)  HTTP, HTTPs, TCP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP; DNS; DDNS; PPPOE; IPv4/v6; QOS; UPPP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP, SMMP  Interoperability  ONVIF, PSIA, CGI  Streaming Method  Unicast / Multicast  Max. User Access  10 Users /20 Users  NAS  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  Cet (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B  Interface  Video Interface  N/A  Audio Interface  N/A  Audio Interface  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 0'7907/1807/270*  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)  HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; OoS; UPP; TPP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SMMP  Interoperability ONVIF, PSIA, CGI  Streaming Method Unicast / Multicast  Max. User Access 10 Users / 20 Users  Edge Storage NAS  Edge Storage Users / NAS  Edge Storage Unisight VMS  Smart Phone IOS, Android  Certifications  Certifications  Certifications  Certifications  Certifications  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'/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; HTTP; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPP;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  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  CE (EN 60950:2000)  UI: UI60950-1  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		
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; HTTP; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOC; IPv4/v6; QoS; UPP;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  Certifications  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 Off / On (4 Area, Rectangle)  Audio  Compression G.711a/G.711Mu/AAC/G.726  Network  Ethernet RJ-45 (10/100Base-T)  HTTP; HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DLPC; DNS; DNS; DNS; PPPOE; IPv4/v6; QOS; UPRP; TTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SMMP  Interoperability ONVIF, PSIA, CGI  Streaming Method Unicast / Multicast  Max. User Access 10 Users /20 Users  Edge Storage NAS  Edge Storage Unicast / Potential Control of the Control o	Digital Zoom	16x		
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; UPP; 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  Cet (EN 60950-2000) U.:U.E0950-1 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; ETP; DHCP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPP; 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) UI: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  Set Work  Ethernet  RJ-45 (10/100Base-T)  HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCp; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPP; 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  Cetifications  Cetifications  Cetifications  Cetifications  Cetifications  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)  Protocol FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPP; 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)	Audio			
Ethernet RJ-45 (10/100Base-T)  Protocol HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPV4/V6; QoS; UPPi,PITP; 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  Cet (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		
Protocol  HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DHCP; 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  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  N/A  Alarm  N/A  Electrical  Power Supply  DC12V, PoE (802.3af)(Class 0)	Network			
Protocol  FFP, DHCP, DNS; DDNS; PPPOE; IPv4/v6; QOS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SMMP  Interoperability  ONVIF, PSIA, CGI  Streaming Method  Unicast / Multicast  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  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)	Ethernet	RJ-45 (10/100Base-T)		
Streaming Method  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  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)	Protocol	FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP;		
Max. User Access  I0 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  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  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 5D 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  N/A  Alarm  N/A  Electrical  Power Supply  Lical FC in	Max. User Access	10 Users /20 Users		
Management Software  Smart Phone  IOS, Android  Certifications  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)	Edge Storage	Local PC for instant recording		
Smart Phone 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  IOS, Android  CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B  N/A  Electrical Power Supply  DC12V, PoE (802.3af)(Class 0)	Web Viewer	IE, Chrome, Firefox, Safari		
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  CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B  Interface  N/A  Alarm  N/A  Electrical  Power Supply  DC12V, PoE (802.3af)(Class 0)	Management Software	Unisight VMS		
CE (EN 60950:2000) UI:UI.60950-1 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 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 <6W	Power Supply	DC12V, PoE (802.3af)(Class 0)		
	Power Consumption	<6W		



**Em**Power Series

# IP-6EB-F28/36-PAL





Environmental				
Operating Conditions	-30° C $^{\sim}$ +60° C (-22° F $^{\sim}$ +140° F) / Less than 95% RH			
Strorage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH			
Ingress Protection	IP67			
Vandal Resistance	N/A			
Construction				
Casing	Metal			
Dimensions	Ф106mm×93.7mm (4.17"×3.69")			
Net Weight	0.47Kg (1.04lb)			
Gross Weight	0.65Kg (1.43lb)			

# **Accessories (optional)**



PFA130-E **Junction Box** 



PFB204W Wall Mount



PFA152-E **Pole Mount** 



LR1002 ePoE Over Coax Converter

