

# IP-4EB-F28-PA



## **4MP IR Eyeball Network Camera**



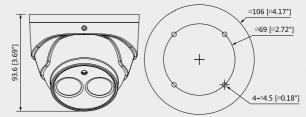
## **System Overview**

With upgraded H.265 encoding technology, Eco-savvy 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**

# Dimensions(mm/inch)

- 1/3" 4Megapixel progressive scan CMOS
- H.265&H.264 triple-stream encoding
- 25/30fps@4M(2688×1520)
- Smart Detection supported
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, Unisight VMS
- 2.8mm fixed lens
- Max. IR LEDs Length 50m
- Micro SD memory, IP67, PoE













#### **Functions**

#### **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.

#### 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 protection against the camera and its structure from the effects of lightning.

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.

### **HEVC (H.265)**

H.265 ITU-T VCEG is a new video coding standard. H.265 Following standard developed around the existing video coding standard H.264, some retain the original technology, while some of the relevant technology to improve the new technology uses advanced technology to improve the relationship between the code stream, encoding quality, and the delay between algorithm complexity, optimize settings specific contents include: Improve compression efficiency, improve the robustness and error recovery capabilities, real-time to reduce the delay, reduce channel acquisition time and a random access delay, reduce complexity, etc.

#### **Environmental**

With a temperature range of -40 °C to +60 °C (-40 °F to +140 °F), the camera is designed for extreme temperature environments. Subjected and certified to rigorous dust and water immersion tests, the IP67 rating makes it suitable for demanding outdoor applications. For environments with rain, sleet, snow and fog, an integrated wiper provides users with clear visibility at all times.









# - WE PROTECT -

# IP-4EB-F28-PA



Technical Specification						
Camera						
		1/3" /Maganiyal prograssiya scan CMOS				
Image Sensor		1/3" 4Megapixel progressive scan CMOS				
Effective Pixels		2688(H)x1520(V)				
RAM/ROM		512MB/32MB				
Scanning System	m	Progressive				
Electronic Shutter Speed		Auto/Manual, 1/3(4)~1/100000s				
Minimum Illumination		0.08Lux/F2.0( Color,1/3s,30IRE) 0.3Lux/2.0( Color,1/30s,30IRE) 0Lux/F2.0(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			
Max. Aperture		F2.0 (F2.0, F2.0)				
Angle of View		H:104° (87°, 55°), V:57° (48°, 31°)				
Optical Zoom		N/A				
Focus Control		Fixed				
Close Focus Dis	tance	N/A				
	Lens	Detect	Observe	Recognize	Identify	
DORI Distance	2.8 mm	63m(207ft)	25m(82ft)	13m(43ft)	6m(20ft)	
	3.6 mm	80m(262ft)	32m(105ft)	16m(52ft)	8m(26ft)	
	6.0 mm	117m(384ft)	47m(154ft)	23m(75ft)	12m(39ft)	
Pan/Tilt/Rot	tation					
Pan/Tilt/Rotati	on Range	Pan:0°~360°; Tilt:0°~78°; Rotation:0°~360°				
Intelligence						
IVS		Tripwire, Intrusion, Object Abandoned/Missing				
Advanced Intel	ligent Functions	Face Detection				
Video						
Compression		H.265+/H.265/H.264+/H.264				
Streaming Capability		3 Streams				
Resolution		4M(2688×1520)/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: 4M(1~25/30fps)				
		Sub Stream: D1(1~25/30fps)				
		Third Stream: 720P(1~25/10fps)				
Bit Rate Control		CBR/VBR				
Bit Rate		H.264: 24~10240Kbps H.265: 14~9984Kbps				
Day/Night		Auto(ICR) / Color / B/W				
BLC Mode		BLC / HLC / WDR(120dB)				
223111040		SECTION WORLDOOD				

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)     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     Compression       Compression     G.711a/ G.711Mu/ AAC/ G.726       Network     Ethernet       R.45 (10/100Base-T)     HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DIPC; DNS; DDNS; PPPOE; Evd/v6; GOS; UPP; NTP, Bonjour; 802.1x; Multicast; ICMP; IGMP; SMTP; EFTP; DIPC; DNS; DDNS; PPPOE; Evd/v6; GOS; UPP; NTP, Bonjour; 802.1x; Multicast; ICMP; IGMP; SMTP; EFTP; DIPC; DNS; DDNS; PPPOE; Evd/v6; GOS; UPP; NTP, Bonjour; 802.1x; Multicast; ICMP; IGMP; ISMP; I					
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 R.4-45 (10/100Base-T)  HTTP, HTTP; TCP, ARP, RTSP, RTP, UDP; SMTP; FTP; DHCP, DNS; DDNS; PPPOE; IPv4/v6; QoS; UPP, NTP, Bonjour; 802.1x; Multicast; ICMP; IGMP; NSMP  Interoperability ONVIF, PSIA, CGI  Streaming Method Unicast / Multicast  Max. User Access 10 Users / 20 Users  Edge Storage NAS  Edge Storage Unisight VMS  Smart Phone IOS, Android  Certifications  Certifications  Certifications  Certifications  Certifications  Certifications  Certificate N/A  Alarm N/A  Electrical  Power Supply DC12V, PoE (802.3af)(Class 0)	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)     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     Compression       Compression     G.711a/ G.711Mu/ AAC/ G.726       Network     HTTP, HTTPs, TCP: ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPOGE; IPv4/v6; QoS; UPP, BTP; 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     CE (EN 60950-2000) UL-ULG9950-1 FCC: FCC Part 15 Subpart B       Interface     N/A       Audio Interface     Built-in Mic       RS485     N/A       Aularm     N/A       Electrical       Power Supply     DC12V, PoE (802.3af)(Class 0)	Gain Control	Auto/Manual			
Region of Interest Electronic Image Stabilization (EIS) Smart IR Support Defog N/A Digital Zoom 16x Flip 0'90'7180'7270* 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) Frip, DHCP, DAS, DRNS, PPPOE; IPV4/VG, QAS; UPAP, NTF; 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 Mirros DS card 128GB Web Viewer IE, Chrome, Firefox, Safari Unisight VMS Smart Phone UoS, Android Certifications  Certifications  Cet (EN 60950-12000) UE: 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)	Noise Reduction	3D DNR			
Electronic Image Stabilization (Els)  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; DICP; DNS; DNS; PPPOE; IPv4/v6; QoS; UPnP; INTP; SMDP; ISMP  Interoperability  ONVIF, PSIA, CGI  Streaming Method  Unicast / Multicast  Max. User Access  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)  U:UIG0950-1 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)	Motion Detetion	Off / On (4 Zone, Rectangle)			
Smart IR   Support	Region of Interest	Off / On (4 Zone)			
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 (10/100Base-T)  HTTP; HTTPs, TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPP,NTP; BMP  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 128/GB  Web Viewer IE, Chrome, Firefox, Safari  Management Software Unisight VMS  Smart Phone IOS, Android  Certifications  Certifications  Certifications  CE (EN 60950:2000) U.:ULG0950-1 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'y90'y180'y270'  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 FFP; 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 10cal 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)	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 R45 (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 / 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  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)	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; 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  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)	Digital Zoom	16x			
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; 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  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)	Flip	0°/90°/180°/270°			
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; DNS; 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  Cet (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)	Mirror	Off/On			
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; PPDGE; IPv4/v6; QoS; UPnP; NMP  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  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 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  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  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)  HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNC; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPR; 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)	Compression	G.711a/ G.711Mu/ AAC/ G.726			
Protocol  HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; DPDOE; 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  10S, 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; 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  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  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  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	FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP;			
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 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  Smart Phone  10S, Android  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)	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 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			
Certifications  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         UI:UL60950-1 FCC: FCC Part 15 Subpart B           Interface         N/A           Video 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         Built-in Mic           RS485         N/A           Alarm         N/A           Electrical           Power Supply         DC12V, PoE (802.3af)(Class 0)	Interface				
RS485	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 <5W	Power Supply	DC12V, PoE (802.3af)(Class 0)			
	Power Consumption	<5W			



# IP-4EB-F28-PA



Environmental				
Operating Conditions	-30° C ~ +60° C (-22° F ~ +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

