

# 4K Ultra HD Vandal-resistant Fisheye Fixed Dome Camera

IPC868ER-VF18-B



## Key Features

### Optics

- Ultra wide angle lens, 360° panoramic image
- Embedded infrared light, 360° fill-in light, up to 10m (33ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)

### Compression

- Max 4000\*3000 resolution
- Ultra265, H.265, H.264, MJPEG
- Built-in microphone & speaker, two-way talk supported
- ROI(Region of Interest)
- Distortion correction supported

### Network

- ONVIF Conformance

## Structure

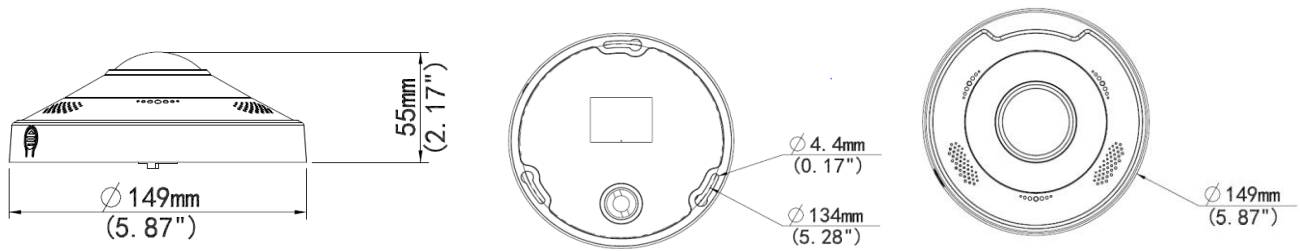
- Support PoE power supply
- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IK10
- IP66

## Specifications

IPC868ER-VF18-B					
<b>Camera</b>					
Image sensor	1/1.7", 12.0 megapixel, progressive scan, CMOS				
Lens	1.8mm@F2.4				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	1.8	43.8	17.5	8.8	4.4
Angle of View	360°				
Shutter	Auto/Manual, shutter time: 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.05Lux (F2.4, AGC ON) 0Lux with IR				
Day / Night	IR-cut filter for day & night function				
Digital noise reduction	2D/3D DNR				
S/N Ratio	>52dB				
IR Range	Up to 10m (33ft)				
Defog	Digital Defog				
WDR	DWDR				
<b>Video</b>					
Compression	Ultra265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High Profile				
Fisheye Frame Rate	Main Stream: 15fps (4000*3000, 3000*3000); 25fps (2560*2560); Sub Stream: 15fps (2000*1500, 2000*2000); 25fps (2000*2000); Third Stream: 15fps (720*576, 320*288)				
Panorama	25fps (3000*2000); 15fps (4000*3000, 3000*2000, 3000*1500)				
Frame Rate PTZ	15fps (1920*1080)				
ROI	Up to 8 areas				
BLC	Supported				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 8 areas				
Motion Detection	Up to 4 areas				
<b>Smart</b>					
Behavior Detection	Intrusion, cross line, motion detection				
Intrusion	Enter and loiter in a pre-defined virtual region				

cross line	Cross a pre-defined virtual line
motion detection	Moving within a pre-defined virtual region
Recognition	Audio detection
Statistical Analysis	heat map
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
<b>Audio</b>	
Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
<b>Storage</b>	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
<b>Live View Display</b>	
Mount Type	Support table, wall, and ceiling
Display Mode	Support 10 display modes in total (including display modes of mount types and decoding modes): Display Mode: Original Image, Fisheye+4PTZ, Panoramic Preview Mode: Original Image, 360° Panoramic+1PTZ, 180° Panoramic, Fisheye+3PTZ, Fisheye+4PTZ, 360° Panoramic+6PTZ, Fisheye+8PTZ
<b>Interface</b>	
Audio I/O	Audio interface
	Input: impedance 35kΩ; amplitude 2V [p-p]
	Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	2/1
	Multiple Alarm linkage editable
Built-in Mic	Supported
Built-in Speaker	Supported
Serial	1 channel RS485 interface
Network	1 RJ45 10M/100M Base-TX Auto-adaptive Ethernet
Video Output	1 BNC, impedance 75Ω; amplitude 1V [p-p]
<b>General</b>	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 9.6W
Dimensions (∅ x H)	∅149 x 51.5mm (∅5.87" x 2.0")
Weight	0.5kg (1.1lb)
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F), Humidity: ≤95% RH
Ingress Protection	IP66
Vandal Resistant	IK10
Reset Button	Supported

## Dimensions



**Zhejiang Uniview Technologies Co., Ltd.**

Building No.10, Wanlun Science Park, Jiangling Road 88, Binjiang District, Hangzhou, Zhejiang, China (310051)

Email: [overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)

<http://www.uniview.com>

©2019 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

\*Product specifications and availability are subject to change without notice.