



PB133F/P  
4MP HD IP Bullet Camera



PE133F/P  
4MP HD IP Eyeball Dome Camera



# FLIR<sup>IP</sup>

## 4MP FIXED HD IP CAMERAS

The **FLIR 4MP HD IP Cameras** offer exceptional 4MP (2688×1520) resolution for an incredible level of detail, available in bullet and dome housings. True WDR capability up to 100dB ensures excellent image quality around the clock, and intelligent compression optimizes video performance based on available bandwidth. Installation is made simple with integrated PoE, allowing for single cable installation.

### HD PICTURE QUALITY

*Outstanding image detail, both day and night*

- **PB133F/P** – 4MP HD @ 20fps, 1/3" CMOS, 2.8mm lens, 90ft (27m) IR range
- **PE133F/P** – 4MP HD @ 20fps, 1/3" CMOS, 2.8mm lens, 82ft (25m) IR range

### EASY INSTALLATION

*PoE (Class 3) support for simplified cabling*

- 12V DC / PoE (802.3af) operation
- ONVIF Profile S conformance
- Simple wall / ceiling installation

### SUPERIOR PERFORMANCE

*Rugged construction with advanced video correction features*

- True Wide Dynamic Range (up to 100dB @ 3MP) provides more accurate detail in high contrast scenes
- Intelligent compression coupled with Region of Interest (ROI) optimizes video performance based on available bandwidth
- IP66 weatherproof rating with cold climate capability (-22°F / -30°C)

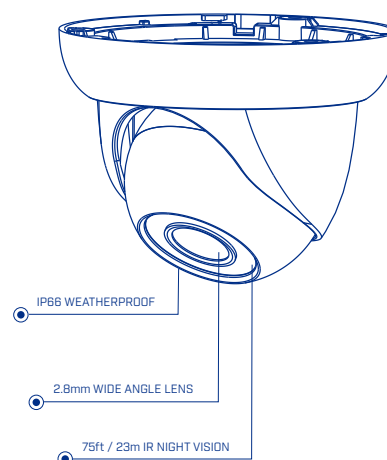
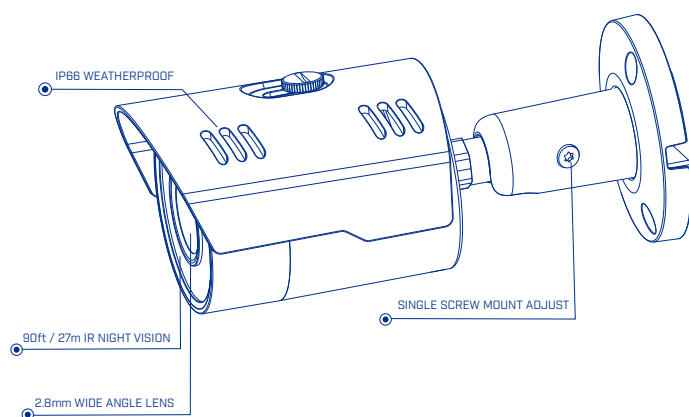
### FLIR CLOUD™ REMOTE VIEWING

*Remote access via iOS, Android, PC & Mac when connected to a FLIR NVR*

- Centralized viewing and control of up to 64 cameras on each screen with PC & Mac
- Access live or recorded video at any time on your iPad, iPhone or Android device
- Advanced mobile app features including remote playback, push notifications for motion/alarm, E-map, manual record/snapshot to device

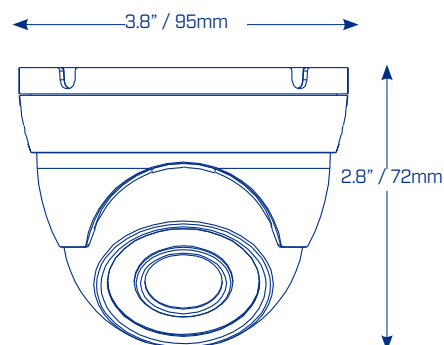
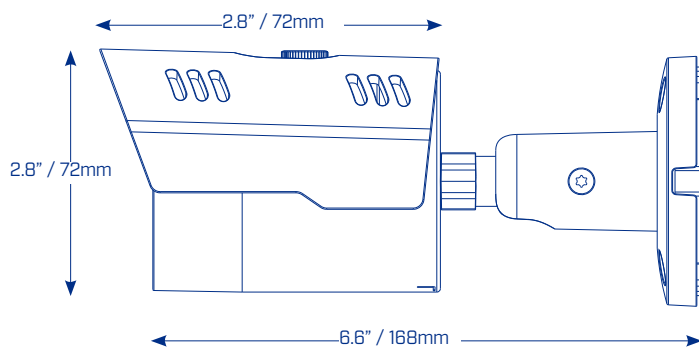
## Specifications

Camera	PB133F/P		PE133F/P
Image Sensor	1/3" 4MP		
Video Format	NTSC / PAL		
Effective Pixels	H: 2688 × V: 1520		
Image Type	CMOS		
Image Readout	Progressive Scan		
Day/Night	Auto (ICR) / Color / B/W		
Day/Night Delay Adjustment	Yes		
Mechanical IR Filter	Yes		
Min. Illumination	0.38 lux @ F1.8 (Color), 0.28 lux @ F1.8 (B/W)		
S/N Ratio	≥42dB (AGC OFF)		
Horizontal Field of View	90°		
IR Illumination Range	90ft / 27m	82ft / 25m	
IR Wavelength	850nm		
IR ON/OFF Control	Yes		
Video Output	IP		
Electronic Shutter Range	1/3 (1/4) ~ 1/100,000 seconds		
Optical			
Lens Type	Fixed Lens		
Lens Mount	Board Type		
Iris Type	Fixed Iris		
Focal Length	2.8mm		
F-Number	F2.0		
Focus	Fixed		
Video			
Video Compression	H.264 / MJPEG		
Video Streams	H.264 // MJPEG Triple Stream		
Resolution Selection	4MP (2688×1520) / 3.7MP (2560×1440) / 3MP (2304×1296) / 1080p (1920×1080) / 720p (1280×720) / D1 (704×576/704×480) / CIF (352×288/352×240)		
Aspect Ratio	16:9		
Frame Rates (MAX)	4MP @ 20fps / 3MP/1080p/720p @ 25/30fps		
Bit Rate Control	CBR / VBR		
Bit Rate Selection	H.264: 32K ~ 10Mbps		
Quality Setting Range (Default)	1-6 (6)		
Region of Interest	Yes (4)		
Dynamic Range	Up to 100dB		
Wide Dynamic Range	True WDR		
Backlight Compensation	BLC / HLC		
White Balance	Auto / Manual		
Gain Control	Auto / Manual		
Noise Reduction	3D-DNR		
Smart IR	Yes, User Adjustable		
Image Stabilization	No		
Digital Zoom	10×		
Tamper Protection	Yes		
Adaptive Lens Correction (ALC)	No		
Video Mirroring / Rotation	Horizontal Mirror / Vertical Flip		
Video Overlay	Time / Date / Camera / Custom		
Window Blanking (Privacy)	Up to 4 Areas		
Menu Languages	English		



## Specifications

Network	PB133F/P	PE133F/P
Protocols	IPv4/IPv6, HTTP, TCP/IP, ARP, UDP, UPnP, RTSP, RTP, SMTP, NTP, DHCP, DNS, DDNS, FTP, QoS	
ONVIF Conformance	Profile S	
RTSP Video	Standard RFC2326, Support QuickTime / VLC Player	
Unicast Users	Up to 20	
Multicast Users	Up to 20	
Mechanical		
Construction	Aluminum Alloy	
Product Dimensions (W x H x D)	6.6 x 2.8 x 2.8" 168 x 72 x 72mm	3.8 x 2.8" 95 x 51mm
Product Weight	0.42kg / 0.85lbs	0.30kg / 0.65lbs
Electrical		
Network Port	RJ45, 10/100 Base-T	
Power Input	12V DC	
Power over Ethernet (PoE) Type	PoE (802.3af)	
Power Consumption	3.2W MAX	2.8W MAX
Current Consumption	265mA MAX	230mA MAX
Edge Storage	No	
Built-in Heater	No	
Alarm I/O	No	
Environmental		
Storage Temperature	-40° ~ 140°F / -40° ~ 60°C	
Storage Humidity	>95% RH	
Operating Temperature	-22° ~ 140°F / -30° ~ 60°C	
Operating Humidity	>95% RH	
Cold Start Temperature	-22°F / -30°C	
Ingress Protection	IP66	
Certifications		
Certifications	CE / FCC	



### Ordering Information

PB133F: 8-41430-01354-9  
 PB133FP: 8-41430-01374-7  
 PE133F: 8-41430-01355-6  
 PE133FP: 8-41430-01377-8

### Package Dimensions

PB133F/P: 8.1 x 4.2 x 3.8" / 205 x 106 x 96mm  
 PE133F/P: 5.4 x 5.4 x 4.5" / 137 x 137 x 114mm

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