

4MP Bullet & Dome Cameras



PB133F
4MP HD IP Bullet Camera



PE133F
4MP HD IP Eyeball Dome Camera

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

EASY INSTALLATION

PoE support for simplified cabling

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

SUPERIOR PERFORMANCE

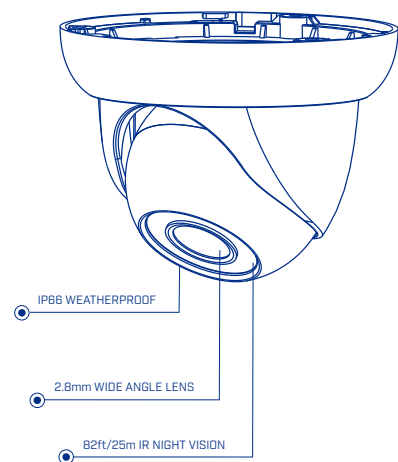
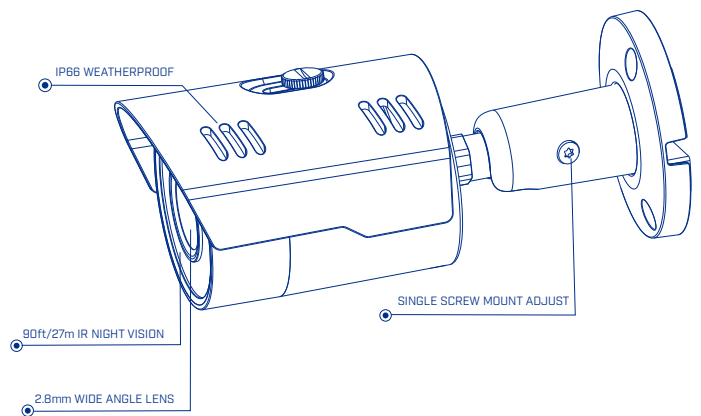
Rugged construction with advanced video correction features

- 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)



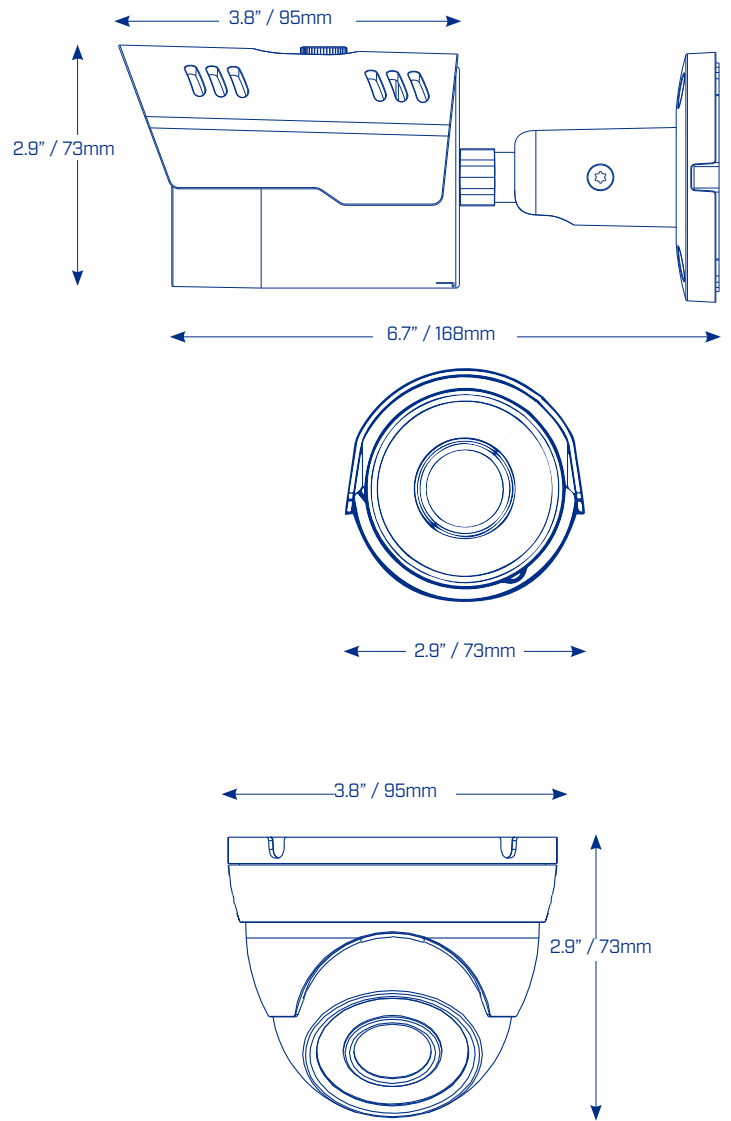
Specifications

| Camera | PB133F | PE133F |
|-----------------------------------|--|------------|
| Image Sensor | 1/3" 4MP | |
| Effective Pixels | H: 2688 × V: 1520 | |
| Imager 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 | AES | |
| 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 (Mainstream) | 4MP(2688 × 1520) / 3.7MP(2560×1440) / 3MP(2304×1296) / 1080P(1920×1080) / 1.3MP(1280×960) / 720P(1280×720) | |
| Aspect Ratio | 16 : 9 (excl. 1.3MP @ 4:3) | |
| Frame Rates (MAX) | 4MP @ up to 20fps / 3MP/1080p/720p @ 25/30fps | |
| Bit Rate Control | CBR / VBR (with cap) | |
| Bit Rate Selection (Mainstream) | H.264 – 1,792 Kbps ~ 10,240Kbps / Custom | |
| Quality Setting Range (Default) | 1-6 (6) | |
| Region of Interest | Yes (4) | |
| Wide Dynamic Range | True WDR, User selectable | |
| Dynamic Range | Up to 100dB | |
| 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 | Up to 10x | |
| Tamper Protection | Yes | |
| Adaptive Lens Correction (ALC) | No | |
| Video Mirroring / Rotation | Horizontal Mirror / 90° / 180° / 270° / Hallway Mode | |
| Video Overlay | Time / Date / Channel / Title / Custom | |
| Window Blanking (Privacy) | Up to 4 Areas | |
| Menu Languages | English | |



Specifications

| Network | PB133F | PE133F |
|--|---|------------------------|
| 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. User Security Authentication (Enabled/Disabled) | |
| Unicast Users | Up to 20 | |
| Multicast Users | Up to 20 | |
| Mechanical | | |
| Construction | Aluminum Alloy | |
| Product Dimensions (W x D x H) / (Dia x H) | 2.9 x 6.7 x 2.9" / 73 x 168 x 73mm | 3.8 x 2.9" / 95 x 73mm |
| 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 (max.) | 3.2W | 2.8W |
| Current Consumption (max.) | 265mA | 230mA |
| Additional Features | | |
| Edge Storage | N/A | |
| Built-in Heater | N/A | |
| Audio I/O | N/A | |
| Audio Encoding | N/A | |
| Alarm I/O | N/A | |
| 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 | |



Available Accessories

For latest accessory / mount compatibility visit <http://flir.com/security/cameramounts>

Ordering Information

PB133F: 8-41430-01354-9
PE133F: 8-41430-01355-6

Package Dimensions

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

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