

E46

3MP Bullet with D/N, IR,
Superior WDR, Vari-focal lens



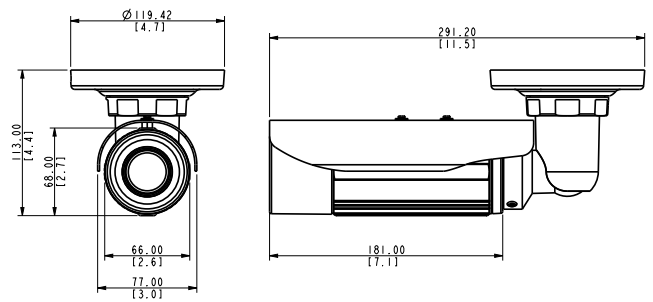
- Progressive Scan CMOS
- Day and night function with mechanical IR cut filter
- Minimum illumination 0 lux with IR LED on
- Built-in f2.8~12mm / F1.4 Megapixel vari-focal lens
- 15 fps at 2048 x 1536 resolution
- Selectable H.264 HP, MJPEG compressions with dual streaming
- Video Motion Detection
- Superior WDR
- Weatherproof IP66 rated casing
- Powered by PoE Class 2

PHOTO INDICATION



1 Ethernet Port

DIMENSION DIAGRAM



Unit: mm [inch]

PRODUCT SPECIFICATION

E46

• Device

| | |
|--------------------------|---|
| Device Type | Bullet Camera |
| Image Sensor | Progressive Scan CMOS |
| Sensor Size | 1/3" (4.5 x 3.4 mm) |
| Day / Night | Yes |
| Minimum Illumination | Color: 0.1 lux at F1.4 (30 IRE, 2400°K); B/W: 0 lux (IR LED on) |
| Color to B/W switch | ISP based switch, configurable |
| Mechanical IR Cut Filter | Yes |
| IR Sensitivity Range | 700~1100nm |
| IR LED | IR LED x 15 (850 nm) |
| IR Working Distance | 15 m (0 lux, 30 IRE, Max exposure gain) |
| Electronic Shutter | 1/5 ~ 1/2,000 sec (manual mode); 1/5 ~ 1/10,000 sec (auto mode) |

• Lens

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|--------------------------|---------------------------------|
| Focal Length / Aperture | Vari-focal, f2.8 - 12 mm / F1.4 |
| Iris | Fixed iris |
| Focus | Manual focus |
| Mount Type | Board Mount |
| Horizontal Viewing Angle | 76.8°~28.8° |

• Video

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|-----------------------------------|--|
| Compression | H.264 HP, MJPEG |
| Maximum Frame Rate vs. Resolution | 15 fps at 2048 x 1536; 30 fps at 1920 x 1080; 30 fps at 1280 x 720; 30 fps at 640 x 480 |
| Multi-Streaming | Simultaneous dual streams based on two configurations |
| Bit Rate | 28 Kbps - 6 Mbps (per stream) |
| Bit Rate Mode | Constant, Variable |
| Image Enhancement | Superior WDR; White balance: automatic, hold, and manual; Brightness; Contrast; Sharpness(auto); Auto gain control; Digital noise reduction; Flickerless |
| Privacy Mask | 4 configurable regions |
| Text Overlay | User defined text on video |
| Image Orientation | Image flip and mirror |

• Network

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|--------------------|---|
| Protocol & Service | TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour |
| Ethernet Port | 1, Ethernet (10/100 Base-T), RJ-45 connector |
| Security | IP address filtering; HTTPS encryption; Password protected user levels; Anonymous login; IEEE 802.1X network access control |

• Alarm

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|----------------|--|
| Alarm Trigger | Video motion detection (3 regions) |
| Alarm Response | Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Upload video, snapshot to FTP server |

• General

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|----------------------------|---|
| Power Source / Consumption | PoE Class 2 (IEEE802.3af) / 4.8 W (IR on) |
| Weight | 651g (1.44 lb) |
| Dimensions (Ø x L) | 66 mm x 291 mm (2.6" x 11.5") |
| Bundled Accessories | N/A (Integrated Bracket) |
| Environmental Casing | Weatherproof (IP66 rated) |
| Mount Type | Wall, Ceiling |
| Operating Temperature | -20°C ~ 50°C (-4°F ~ 122°F) |
| Operating Humidity | 10% ~ 85% RH |
| Approvals | CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), IP66 |

• Integration

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|-------------------------|--|
| Unified Solution | Fully compatible with ACTi software |
| ISV Integration | Software Development Kit (SDK) available; ONVIF compliant |
| Firmware Access Browser | Microsoft Internet Explorer 8.0 or newer (full functionality); Other browsers with VLC installed (partial functionality) |