# E17

## 3MP Cube with Extreme WDR, SLLS, Fixed Lens

- 3 Megapixel
- Fixed Lens with f2.8mm/F1.8
- Extreme WDR
- H.265 Compression
- Super wide angle
- Event trigger, response and notification

## Specifications

### Device

| | |
|---|---|
| Product Type | Cube |
| Maximum Resolution | 3MP |
| Application Environment | Indoor |
| Image Sensor | Progressive Scan CMOS |
| Sensor Size | 1/2.8 " |
| Effective Pixels | 2065(H) X 1553(V) (3.21 MP) |
| Day / Night | No |
| Low Light Sensitivity | Superior |
| Minimum Illumination | Color: 0.1 lux |
| Mechanical IR Cut Filter | No |
| IR LED | No |
| Horizontal Resolution (TV Lines) | 1300 TVL |
| S/N Ratio | 56 dB |

### Lens

| | |
|---|---|
| Focal Length | Fixed focal, f2.8mm |
| Aperture | F1.8 |

| | |
|---|---|
| Iris | Fixed iris |
| Focus | Fixed focus |
| Lens Mount | CS Mount (interchangeable lens) |
| Horizontal Viewing Angle | 100.5° |
| Vertical Viewing Angle | 76.4° |

## Video

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|---|---|
| Compression | H.265, H.264 (Baseline/ Main/ High profile), MJPEG |
| Maximum Frame Rate vs. Resolution | 30 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 720 x 480 30 fps at 640 x 480 30 fps at 320 x 240 |
| Multi-Streaming | Simultaneous dual streams based on two configurations |
| Bit Rate | 28Kbps - 12Mbps (per stream) |
| Bit Rate Mode | Constant, Variable |
| Wide Dynamic Range | Extreme WDR (142 dB) |
| Image Enhancement | White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer (DIS, EIS), Defogging |
| Digital Noise Reduction | 2D + 3D DNR |
| On-Screen Graphics | Yes |
| Built-in Analytics | Tampering Detection |
| Server-based Analytics | Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy) |
| Image Orientation | Flip, Mirror, Rotation |

## Audio

| | |
|---|---|
| Audio Type | 2-way, Built-in Microphone, Line-out |
| Audio Compression | 8 kHz, Mono, G.711 |

## Network

| | |
|---|---|
| Network Protocol & Service | IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP |
| Ethernet Port | 1 x RJ-45 connector |
| Security | IP address filtering, HTTPS encryption, Password protected user level, Anonymous login |

## Event

| | |
|---|---|
| Event Trigger | Video motion detection (3 regions), Sound detection, Tampering detection |
| Event Response | Notify control center, Change camera settings, Command other devices, E-mail notification with snapshots, Play the audio file, Push notification to mobile device, Save video to local storage, Upload video or snapshot to FTP server |

## Integration

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|---|---|
| Unified Solution | Fully compatible with ACTi software |
| GPS Position | Manual setting |
| ONVIF Compliant | Yes, Profile S, Profile G, Profile T, Profile Q |

| | |
|---|---|
| Web Browser | IE 11 |
| Auto Firmware Upgrade | Yes |

## Interface

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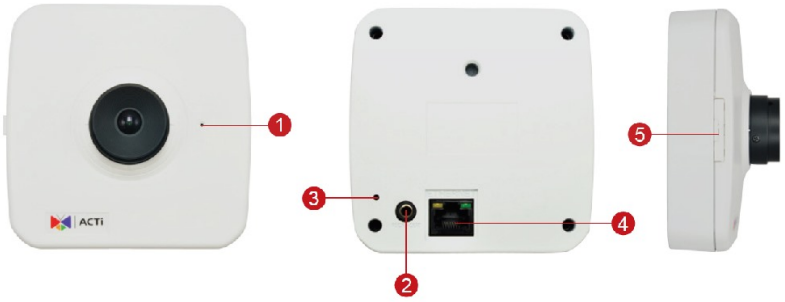
|---|---|
| Local Storage | MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 128GB) |

## General

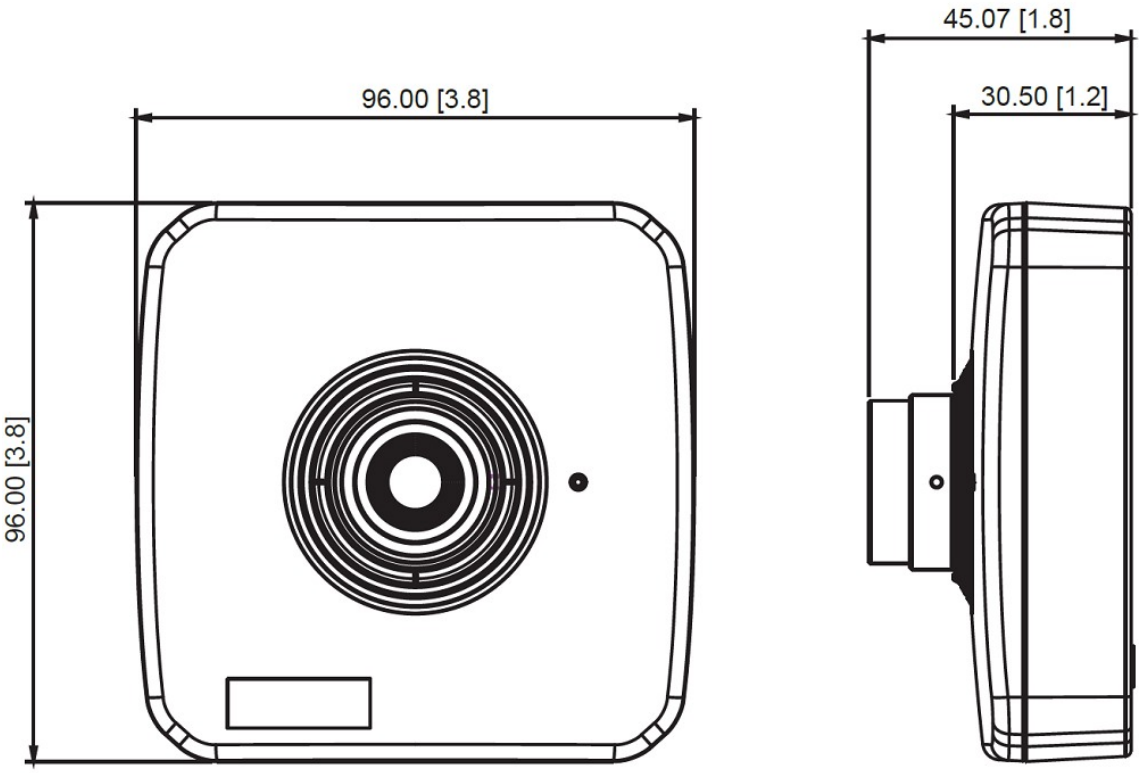
| | |
|---|---|
| Power Source | PoE Class 2 (IEEE802.3af) |
| Power Consumption | 6.49 W (PoE) |
| Weight | 241g (0.53lb) |
| Dimensions | (W x H x D): 96mm x 96mm x 45mm (3.8" x 3.8" x 1.8") |
| Bundled Accessories | Bracket |
| Mount Type | Bracket |
| Starting Temperature | -10°C ~ 50°C (14°F ~ 122°F) |
| Operating Temperature | -10°C ~ 50°C (14°F ~ 122°F) |
| Approvals | CE, FCC, UL (for optional PoE injector) |
| Warranty | 3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty |

## Photo Indication



1. Built-in Microphone
2. Audio Output
3. Reset Button
4. Ethernet Port
5. Memory Card Slot

## Dimension Diagram




Unit: mm [inch]

# Related Products

## Power Supply Accessories - PoE Injector

| | | |
|---|---|---|
| PPOE-0000 | | POE Injector , IEEE 802.3af compliant, AC 100~240V, for US & Japan |
| PPOE-0001 | | PoE Injector IEEE 802.3af compliant, AC 100~240V, with universal connectors |

## Network & Storage Peripherals - Data Switch

| | | |
|---|---|---|
| PPSW-0100 | | PLANET FGSD-910HP 8-Port 802.3at PoE Switch (PoE Budget 120W) |
| PPSW-0101 | | PLANET GS-4210-8P2T2S 8-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 240W) |
| PPSW-0102 | | PLANET FGSD-1011HP 8-Port 802.3at PoE Switch (PoE Budget 120W) |
| PPSW-1101 | | PLANET GS-4210-24PL4C 24-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 440W) |
| PPSW-2101 | | 4-Port 802.3at PoE Switch (PoE Budget 62W) |
| PPSW-3100 |  | PLANET FGSW-1816HPS 16-Port 802.3at PoE Switch (PoE Budget 220W) |

## Extenders - PoE Extender

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|---|---|---|
| PPEX-0100 | | Veracity OUTREACH Max Power over Ethernet (PoE) Extender |

## Extenders - PoE over Coaxial Extender Kit

| | | |
|---|---|---|
| PPOC-0100 | | Planet LRP-101C-KIT Power over Coax Adapter Kit |

## Product Demo - Camera Demo Kit

| | | |
|---|---|---|
| PCDK-0001 | | Camera Demo Kit Rack Box (350 x 550 x 140 mm) for all cameras except Mini Domes |

## Installation Support - Camera Installation Kit

| | | |
|---|---|---|
| PMON-1001-010 | | Camera Installation Kit for use with iOS Device with belt bag, battery and charger (US, AC 110~240V) |
| PMON-1001-011 | | Camera Installation Kit for use with iOS Device with belt bag, battery and charger (Europe, AC 110~240V) |
| PMON-2000 | | Camera Installation Kit |