

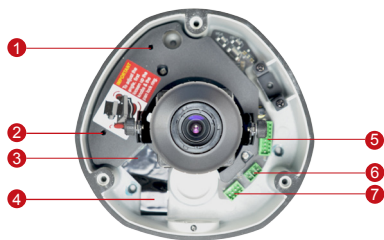
KCM-7311

4M Outdoor Dome with D/N,
Advanced WDR, SLLS, 3.6x Zoom Lens



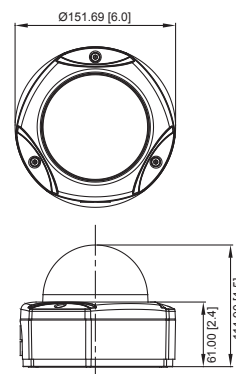
- 4 Megapixel with 1080p
- Day & Night with Superior Low Light Sensitivity
- 3.6x Zoom Lens with f3.3-12mm / F1.4-2.9, P-Iris, Auto Focus
- Advanced WDR (80 dB)
- 15 fps at 1920 x 1080
- IP67 Vandal Proof

PHOTO INDICATION



- | | |
|-----------------------|--------------------------|
| 1 Reset Button | 5 Digital Input / Output |
| 2 Power Button | 6 DC 12V Power Input |
| 3 Ethernet Port | 7 Audio Input / Output |
| 4 MicroSDHC Card Slot | |





DIMENSION DIAGRAM



Unit: mm [inch]

ACCESSORY OPTIONS

| Dome Cover | | |
|---------------|---|--|
| PDCX-1101 |  | 4-inch, smoke, vandal proof |
| Power Adapter | | |
| PPBX-0002 |  | Universal Power Adapter, 100~240V, 4 different connectors included |

| Popular Mounting Solutions | | |
|----------------------------|-------------------------------------|---|
| Surface | Accessories not required | |
| Wall | PMAX-0314 |  |
| Pendant | PMAX-0101 PMAX-0103 |  |
| Corner | PMAX-0101 PMAX-0305 PMAX-0402 |  |
| Pole | PMAX-0101 PMAX-0305 PMAX-0503 |  |
| Flush | PMAX-1003 | |
| Gang Box | PMAX-0804 | |

* For more mounting solutions, please refer to Project Planner on www.acti.com

PRODUCT SPECIFICATION**KCM-7311****• Device**

| | |
|--------------------------------|---|
| Device Type | Fixed Outdoor Dome Camera |
| Image Sensor | Progressive Scan CMOS |
| Sensor Size | 1/3.2" (4.5 x 3.4 mm) |
| Horizontal Resolution | 1422 TVL |
| Day / Night | Yes |
| Superior Low Light Sensitivity | Yes |
| Minimum Illumination | Color: 0.1 lux at F1.4 (30 IRE, 2400°K); B/W: 0.05 lux at F1.4 (30 IRE, 2400°K) |
| Color to B/W switch | ISP based switch, configurable |
| Mechanical IR Cut Filter | Yes |
| IR Sensitivity Range | No |
| IR LED | No |
| 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 | Zoom, f3.3 - 12 mm / F1.4 - 2.9 |
| Zoom Ratio | 3.6x optical |
| Iris | P-Iris |
| Focus | Auto focus |
| Mount Type | Board mount |
| Horizontal Viewing Angle | 77.2° - 22.6° |
| Viewing Angle Adjustment | Pan: 0° - 350°; Tilt: 0° - 180°; Rotate: 0° - 350° |

• Video

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|--|--|
| Compression | H.264, MPEG-4 SP, MJPEG |
| Maximum Frame Rate vs. Resolution (H.264, MJPEG) | 8 fps at 2032 X 1920; 15 fps at 1920 X 1080; 30 fps at 1280 x 720; 30 fps at 640 x 480 |
| Maximum Frame Rate vs. Resolution (MPEG-4 SP) | 5 fps at 2032 X 1920; 11 fps at 1920 X 1080; 25 fps at 1280 x 720; 30 fps at 640 x 480 |
| 4 Cropped VGA Mode (All Compressions) | 15 fps at 640 x 480 (VGA) |
| Multi-Streaming | Simultaneous dual streams based on two configurations in single view mode; Multiple streams based on single configuration in 4 cropped VGA mode |
| Bit Rate | 28 Kbps - 6 Mbps (per stream) |
| Bit Rate Mode | Constant, Variable |
| Image Enhancement | Advanced WDR (80 dB); White balance: automatic, hold and manual; Brightness; Saturation; Contrast; Sharpness; Automatic gain control; 2D+ 3D Digital noise reduction; Flickerless; Defogging |
| Privacy Mask | 4 configurable regions |
| Text Overlay | User defined text on video |
| Image Orientation | Image flip and mirror |

• Audio

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|-------------|--|
| Compression | 8 kHz, Mono, PCM, 16 bit encoding; G.711 |
| Audio-In | Terminal block |
| Audio-Out | Terminal block |

• 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; IEEE 802.1X network access control |

• Alarm

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|----------------|--|
| Alarm Trigger | Video motion detection 3 regions in single view mode, 1 region each in 4 cropped VGA mode; External device through digital input |
| Alarm Response | Notify control center; Go to Zoom preset point or preset tour; Change camera settings; Command other devices; E-mail notification with snapshots; Save video or snapshot to local storage; Upload video, Snapshot to FTP server; Activate external device through digital output |

• Interface

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|----------------|--|
| Digital Input | 2, terminal block |
| Digital Output | 2, terminal block |
| Local Storage | MicroSDHC memory card slot (card not included) |

• General

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|----------------------------|--|
| Power Source / Consumption | PoE Class 3 (IEEE802.3af) / 12.24W DC 12V /10.2W (adapter not included) |
| Weight | 1200 g (2.65 lb) |
| Dimensions (Ø x H) | 151.69 mm x 114.9 mm (5.97" x 4.52") |
| Environmental Casing | Weatherproof (IP67 rated); Transparent vandal proof dome cover, up to 659.23 kgF (1453.35 lbf) |
| Mount Type | Surface, Pendant, Wall, Corner, Pole, Flush, Gang box |
| Starting Temperature | -10°C ~ 50°C (14°F ~ 122°F) within 30 minutes |
| Operating Temperature | -30°C ~ 50°C (-22°F ~ 122°F) |
| Operating Humidity | 10% ~ 85% RH |
| Approvals | CE (EN 55022 Class A, EN 55024), FCC (Part15 Subpart B Class A), IP67 |

• 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) |