

KCM-7311

4MP with D/N, Advanced WDR, SLLS, 3.6x



- 4 Megapixel
- Day & Night with Superior Low Light Sensitivity
- 3.6x Zoom Lens, f3.3-12mm/F1.4-F2.9, P-Iris, Auto focus
- Advanced WDR (80dB)
- Event trigger, response and notification

► Specifications

Device

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| Product Type | Zoom Dome |
| Maximum Resolution | 4MP |
| Application Environment | Outdoor |
| Image Sensor | Progressive Scan CMOS |
| Sensor Size | 1/3.2 " |
| Effective Pixels | 2592(H) X 1944(V) (5.04 MP) |
| Day / Night | Yes |
| Low Light Sensitivity | Superior |
| Minimum Illumination | Color: 0.003 lux at F1.4; B/W: 0.002 lux at F1.4 |
| Color to B/W Switch | ISP based switch, configurable |
| Mechanical IR Cut Filter | Yes |
| IR LED | No |
| Electronic Shutter | 1/5-1/2000 second (manual mode); 1/5-1/10000 second (auto mode) |
| Horizontal Resolution (TV Lines) | 1422 TVL |
| S/N Ratio | 75 dB |

Lens

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|--------------------------|---|
| Focal Length | Zoom, f3.3-12mm |
| Aperture | F1.4-F2.9 |
| Zoom Ratio | 3.6x optical zoom |
| Zoom Application | Camera Installation, Auto Zoom by Event, Manual Operation |
| Iris | P-Iris |
| Focus | Auto focus |
| Lens Mount | Board mount |
| Horizontal Viewing Angle | 77.2° - 22.6° |
| Viewing Angle Adjustment | Pan: 0°-350°, Tilt: 0°-180°, Rotation: 0°-350° |

PTZ

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| Pan, Tilt or Zoom protocol | Visca |
|----------------------------|-------|

Video

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| Compression | H.264 (Baseline), MPEG-4 SP, MJPEG |
| Maximum Frame Rate vs. Resolution | 8 fps at 2032 x 1920 15 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 | 28Kbps - 6Mbps |
| Bit Rate Mode | Constant, Variable |
| Wide Dynamic Range | Advanced WDR (80 dB) |
| Image Enhancement | White Balance, Brightness, Saturation, Contrast, Sharpness, Automatic gain control, Flickerless, Defogging |
| Digital Noise Reduction | 2D + 3D DNR |
| Privacy Mask | 4 configurable regions |
| Text Overlay | Yes |
| 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, Direction Detection, Automatic License Plate Recognition, 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 |

Audio

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| Audio Type | 2-way, Line-in, Line-out |
| Audio Compression | 8 kHz, 16 bit encoding, Mono, PCM, G.711 |

Network

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| Network Protocol & Service | IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, ToS, SNMP, IEEE 802.1X |
| Ethernet Port | 1 x RJ-45 connector |

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| Security | IP address filtering, HTTPS encryption, Password protected user level, IEEE 802.1X network access control |
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Event

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| Event Trigger | Video motion detection (3 regions), External device through digital input, |
| Event 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 storage, Upload video or snapshot to FTP server, Activate external device through digital output |

System

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| Watchdog | Support |
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Integration

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| Unified Solution | Fully compatible with ACTi software |
| Software Development Kit | Yes |
| ONVIF Compliant | Yes, Profile S |
| Web Browser | IE 8.0 or newer |

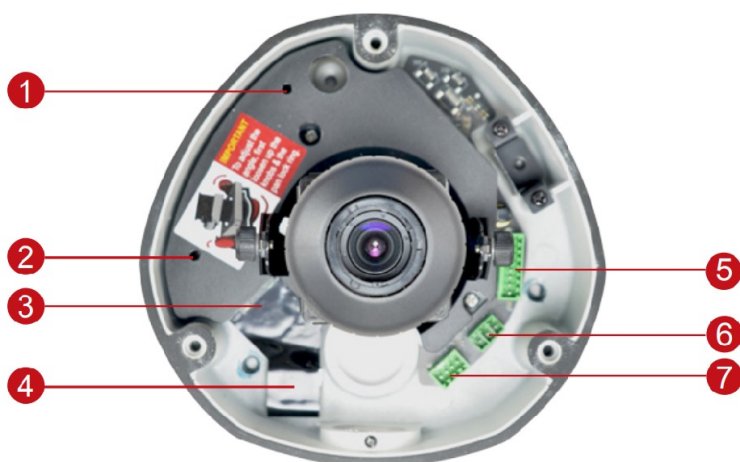
Interface

| | |
|----------------------|----------------|
| Audio Interface | Terminal block |
| Digital Input/Output | 2/2 |
| Operating Button | Reset Button |

General

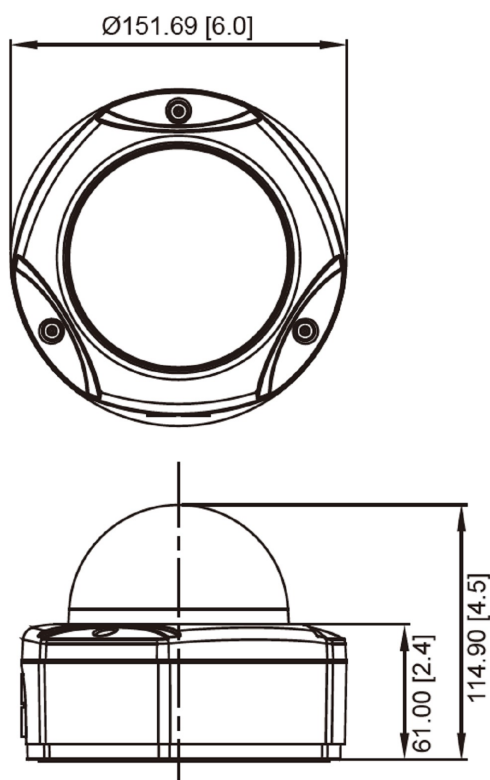
| | |
|-----------------------|--|
| Power Source | DC 12V, PoE Class 3 (IEEE802.3af) |
| Power Consumption | 12.24 W (PoE) |
| Weight | 1050g (2.315lb) |
| Dimensions | (Ø x H): 151.69mm x 114.9mm (5.97" x 4.52") |
| Environmental Casing | Weatherproof (IP67), Vandal proof |
| Mount Type | Surface, Gang Box, Flush, Pendant, Converter for NPT Standard Mounts, Wall Mount, Pole Mount, Corner Mount |
| 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, non-condensing |
| Approvals | CE, FCC, IP67, UL Listed (UL 60950-1) |
| Real-time Clock (RTC) | Yes |
| Warranty | 3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty |

► Photo Indication



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













► Dimension Diagram



Unit: mm [inch]




► Related Products

Mounting Accessories - Camera Mount


| | | |
|-----------|---|--|
| PMAX-0102 |  | Straight Tube |
| PMAX-0103 |  | Straight Tube with Bracket |
| PMAX-0104 |  | Extension Tube |
| PMAX-0302 |  | Gooseneck with Bracket |
| PMAX-0303 |  | Gooseneck |
| PMAX-0354 |  | Heavy Duty Wall Mount for A711, A713 |
| PMAX-0402 |  | Corner Mount |
| PMAX-0503 |  | Pole Mount (for PMA-0102, PMA-0312, PMA-0313, PMA-0314, PMA-0702, PMA-1106, PMA-1107), supports 5.25" to 8.5" Poles |
| PMAX-0505 |  | Pole Mount (for B4x, B41x, E44, E45, E46, E48, E44A, E45A, E46A, E41x, I4x, PMA-0312, PMA-0313, PMA-0314, PMA-0330), supports 2" to 3" Poles |
| PMAX-0702 |  | Junction Box for PTZ and Dome Cameras |
| PMAX-0804 |  | Gang Box Converter for Outdoor Domes, supports Two-Gang Boxes |
| PMAX-1003 |  | Flush Mount Kit (for D6x, D7x, D8x, E61~E67, E7x [except E78], E81~E88) |

Note: Some mounting accessories may need additional accessories for installation. Please check www.acti.com/mountingselector for more information.


Network & Storage Peripherals - Data Switch

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| PPSW-0105 |  | PLANET GS-4210-8P2C 8-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 120W) |
| PPSW-1101 |  | PLANET GS-4210-24PL4C 24-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 440W) |
| 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

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| PPOC-0100 |  | Planet LRP-101C-KIT Power over Coax Adapter Kit |
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Other Accessories - Camera Part

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|------------|---|--------------------------|
| R707-70002 |  | Rubber base for KCM-7311 |
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|------------|---|---------------------|
| R707-70003 |  | Washer for KCM-7311 |
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