

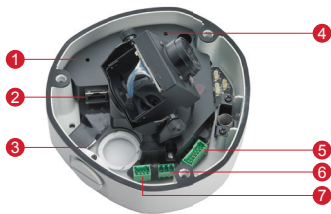
# KCM-7111

H.264 4-Megapixel IP D/N Vandal Proof  
PoE Rugged Dome



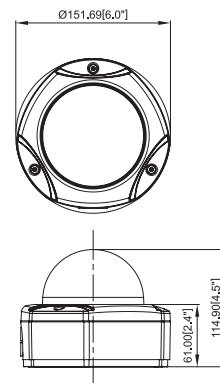
- 1/3.2" BSI Progressive Scan CMOS
- Day and night function with mechanical IR cut filter
- Minimum illumination 0.05 lux at F2.0
- Bundled f2.8 mm / F2.0 Megapixel fixed lens
- 8 fps at 2032 x 1920 resolution (1561 TV lines)
- Selectable H.264, MPEG-4 SP, MJPEG compressions with dual streaming
- Up to 4 cropped regions as independent channels
- Two-way audio
- Digital input and digital output
- Video Motion Detection
- Vandal proof and weatherproof IP66 rated casing
- Powered by PoE Class 3 / DC 12V

## PHOTO INDICATION



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

## DIMENSION DIAGRAM



Unit: mm [inch]

## ACCESSORY OPTIONS

Dome Cover		
PDCX-1101		4-inch, smoke, vandal proof

Popular Mounting Solutions		
Surface	Accessories not required	
Wall	PMAX-0308 	
Pendant	PMAX-0101 PMAX-0103 	
Corner	PMAX-0101 PMAX-0303 PMAX-0402 	
Pole	PMAX-0101 PMAX-0303 PMAX-0502 	
Flush	PMAX-1003 	

\* For more mounting solutions, please refer to Mounting Accessory section of Buyer's Guide or Project Planner on [www.acti.com](http://www.acti.com)

**PRODUCT SPECIFICATION****KCM-7111****• Device**

Device Type	Fixed Dome Camera
Image Sensor	BSI Progressive Scan CMOS
Sensor Size	1/3.2" (4.5 x 3.4 mm)
Horizontal Resolution	1561 TVL
Day / Night	Yes
Minimum Illumination	Color: 0.1 lux at F2.0 (30 IRE, 2400°K); B/W: 0.05 lux at F2.0 (30 IRE, 2400°K)
Color to B/W switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700 - 1100 nm
IR LED	No
Electronic Shutter	1/25 - 1/2000 sec (50Hz); 1/15 - 1/2000 sec (60Hz) (manual mode) 1 - 1/2000 sec (auto mode)

**• Lens**

Focal Length	Fixed focal, f2.8 mm / F2.0
Iris	Fixed iris
Focus	Manual Focus
Mount Type	CS Mount
Horizontal Viewing Angle	82.59°
Viewing Angle Adjustment	Pan: 0° - 360°; Tilt: 0° - 180°; Rotate: 0° - 360°

**• Video**

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 (HD 1080p); 30 fps at 1280 x 720 (HD 720p); 30 fps at 640 x 480 (VGA)
Maximum Frame Rate vs. Resolution (MPEG-4 SP)	5 fps at 2032 X 1920; 10 fps at 1920 X 1080 (HD 1080p); 24 fps at 1280 x 720 (HD 720p); 30 fps at 640 x 480 (VGA)
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
S/N Ratio	More than 58 dB
Image Enhancement	White balance: automatic, hold and manual; Brightness; Contrast; Automatic gain control; Digital noise reduction; Flickerless
Privacy Masks	4 configurable regions
Text Overlay	User defined text on video
Image Orientation	Image flip and mirror

**• Audio**

Compression	8 kHz, Mono, PCM, 16 bit encoding
Audio-In	Terminal block
Audio-Out	Terminal block

**• Network**

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**

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; 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**

Digital Input	2, terminal block
Digital Output	2, terminal block
Local Storage**	MicroSD/SDHC memory card slot (card not included)

**• General**

Power Source / Consumption	PoE Class 3 (IEEE802.3af) / 10.08W DC 12V / 8.28W
Weight	1415 g (3.12 lb)
Dimensions (Ø x H)	151.69 mm x 114.9 mm (5.97" x 4.52")
Environmental Casing	Weatherproof (IP66 rated); Transparent vandal proof dome cover, up to 659.23 kgF (1453.35 lbf)
Mount Type	Surface, Pendant, Wall, Corner, Pole, Flush
Operating Temperature	-30°C ~ 50°C (-22°F ~ 122°F)
Operating Humidity	10% ~ 85% RH
Approvals	Camera: CE, FCC, IP66; Adapter: CE, TUV-GS, UL, RCM, CCC

**• Integration**

Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available
Firmware Access Browser	Microsoft Internet Explorer 6.0 or newer

\* IEEE 802.1X network access control available from Q4 2011.

\*\* Local storage support available from Q1 2012.

\* All specifications are subject to change without notice.

\* All brand names and registered trademarks are the property of their respective owners.

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