

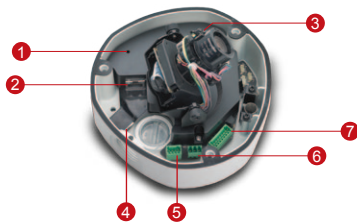
# KCM-7311

3.6x Zoom H.264 4-Megapixel IP D/N Vandal Proof PoE Rugged Dome with P-Iris & ExDR



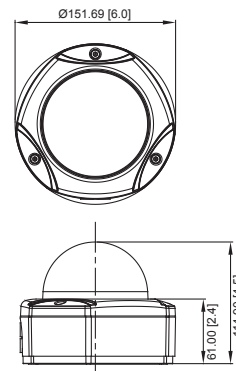
- 1/3.2" Progressive Scan CMOS
- Day and night function with mechanical IR cut filter
- Minimum illumination 0.05 lux at F1.4
- 3.6 x optical zoom
- Built-in f3.3-12 mm / F1.4 Megapixel P-Iris zoom lens
- 8 fps at 2032 x 1920 resolution (1422 TV lines)
- Selectable H.264, MPEG-4 SP, MJPEG compressions with dual streaming
- Up to 4 cropped regions as independent channels
- Two-way audio
- Digital input and digital output
- MicroSD / MicroSDHC card slot for local storage
- ExDR ( Extreme Dynamic Range)
- 2D+3D Digital noise reduction
- Vandal proof and weatherproof IP66 rated casing
- Powered by PoE Class 3 / DC 12V

## PHOTO INDICATION



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

## 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-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)



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\* Latest product information: [www.acti.com/product/](http://www.acti.com/product/)  
 \* Accessory information: [www.acti.com/accessory/](http://www.acti.com/accessory/)

# KCM-7311

## PRODUCT SPECIFICATION

### KCM-7311

#### • Device

Device Type	Fixed Outdoor Dome Camera
Image Sensor	Aptina Progressive Scan CMOS
Sensor Size	1/3.2" (4.5 x 3.4 mm)
Horizontal Resolution	1422 TVL
Day / Night	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	1/25 - 1/2000 sec (50Hz); 1/15 - 1/2000 sec (60Hz) (manual mode) 1 - 1/2000 sec (auto mode)

#### • Lens

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	77.22° - 22.62°
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; 11 fps at 1920 X 1080 (HD 1080p); 25 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
Image Enhancement	ExDR (Extreme Dynamic Range); 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

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; 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

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

#### • General

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 (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

#### • Integration

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

\* ONVIF compliance available from Q2 2012.

\* All specifications are subject to change without notice.

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