

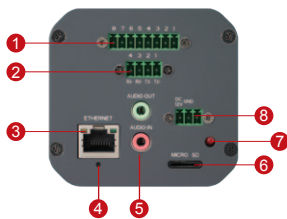
KCM-5211

18x Zoom H.264 4-Megapixel IP D/N PoE
Box Camera



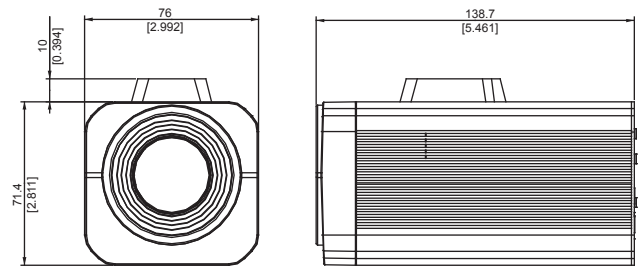
- 1/3.2" Progressive Scan CMOS
- Day and night function with mechanical IR cut filter
- Minimum illumination 0.05 lux at F1.6
- 18 x optical zoom
- Built-in f4.7-84.6 mm / F1.6 Megapixel DC iris zoom lens
- 8 fps at 2032 x 1920 resolution (1409 TV lines)
- Selectable H.264, MPEG-4 SP, MJPEG compressions 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
- Video Motion Detection
- Powered by PoE Class 3 / DC 12V

PHOTO INDICATION



- | | |
|--------------------------|---------------------------------|
| ① Digital Input / Output | ⑤ Audio Input / Output |
| ② Serial Port | ⑥ MicroSD / MicroSDHC Card Slot |
| ③ Ethernet Port | ⑦ Power LED |
| ④ Reset Button | ⑧ DC 12V Power Input |

DIMENSION DIAGRAM



Unit: mm [inch]

ACCESSORY OPTIONS

Camera Bracket

PMAX-1100



Plastic, max. load 3.5 kg (7.72 lb), tilt angle 90°

Outdoor Housing & Bracket

Outdoor housings not supported

Power Adapter

PPBX-0002



Universal Power Adapter, 100~240V, 4 different connectors included

KCM-5211

PRODUCT SPECIFICATION

KCM-5211

• Device

Device Type	Box Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/3.2" (4.5 x 3.4 mm)
Horizontal Resolution	1409 TVL
Day / Night	Yes
Minimum Illumination	Color:0.1 lux at F1.6 (30 IRE, 2400°K); B/W: 0.05 lux at F1.6 (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 / Aperture	Zoom, f4.7 - 84.6 mm / F1.6 - F2.8
Zoom Ratio	18x optical
Zoom Speed	2.63 sec (1x to 18x)
Iris	DC Iris
Focus	Auto Focus
Horizontal Viewing Angle	48.94° - 3.61°

• 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	White balance: automatic, hold and manual; Brightness; Contrast; Automatic gain control; Digital noise reduction; Flickerless
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	3.5mm Phone Jack
Audio-Out	3.5mm Phone Jack

• Network

Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour, Pelco-D
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
Serial Port	RS-485, RS-422, terminal block
Local Storage	MicroSD/ MicroSDHC memory card slot (card not included)

• General

Power Source / Consumption	PoE Class 3 (IEEE802.3af) / 10.8W DC 12V / 7.56W (adapter not included)
Weight	740 g (1.63 lb)
Dimensions (W x H x D)	76 mm x 71.4 mm x 138.7 mm (2.99" x 2.81" x 5.46")
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	10% ~ 85% RH
Approvals	Camera: CE, FCC

• 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.