

ACTi KCM-5211 18x Zoom, H.264 4-Megapixel IR Day/Night PoE Box Camera



Product Name: ACTi KCM-5211 18x Zoom, H.264 4-Megapixel IR Day/Night PoE Box Camera

Manufacturer: -

Model Number: KCM-5211

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The ACTi KCM-5211 PoE Box Camera is a new generation of box camera from ACTi with excellent video quality up to 4 Megapixel resolution. KCM-series cameras come with brand new ACTi designed Image Signal Processor with customized algorithm for different lighting conditions. Daytime, low light and night time video quality is even better than before. Better colors, better exposure, more details! Features of ACTi KCM-5211

- 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

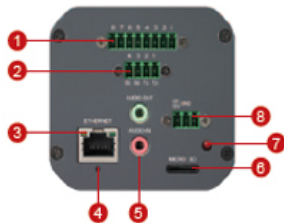
ACTi KCM-5211 is a 4-Megapixel Zoom camera that expose even smallest details from a far-away distance in both daytime and night time. It is possible to cover very large parking lots with just one camera - you can zoom out for general wide view and zoom in for details.

Example of ACTi KCM-5211

The KCM-5211 improves on the KCM5111 with the addition of an 18x zoom lens and an IR filter for improved night vision. KCM-5111 uses an innovative BSI (Backside Illumination) technology based image sensor which is able to capture clear image even in low lighting conditions. This technology is also used in Apple iPhone 4, and is one of the key factors of its success. The problem of traditional CMOS sensor is that the matrix of transistors processing the incoming light is placed on the surface of the sensor, thereby reducing the physical size of photosensitive area. As a result, those traditional sensors are less sensitive in low light conditions. The BSI sensors do not have this problem - the transistors are placed behind the sensor so that the whole size of each pixel can be used as a photosensitive area. BSI technology provides 30% increase in captured incoming light compared to traditional CMOS technology.

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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 |

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Note: Please refer to the ACTi IP Box Camera Detailed Comparison Table for more information.

Product	Indoor/Outdoor	Compression	Lens	Day/Night	Power	Resolution	Buttons
ACTi KCM-5211	Indoor	H.264/MPEG-4 MJPEG	Changeable Fixed lens	Yes	No	4-Megapixel	DC 12V PoE
ACTi KCM-5211	Indoor	H.264/MPEG-4 MJPEG	Zoom lens	Yes	No	4-Megapixel	DC 12V PoE
ACTi KCM-5211	Outdoor	H.264/MPEG-4 MJPEG	Zoom lens	Yes	Yes	4-Megapixel	DC 12V PoE
ACTi KCM-5211	Outdoor	H.264/MPEG-4 MJPEG	Zoom lens	Yes	Yes	3-Megapixel	DC 12V PoE

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Technical Specification 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

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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

Price: £913.30
