



FK-N-CM-1135-2-SQ Compact 2 MP Network Camera

FUNCTIONALITY

The FK-N-CM-1135-2-SQ is a compact network camera that is easy to install and operate.

It supports PoE and redundant DC power so that data is protected in the event of a power failure.

Even in difficult lighting conditions it delivers true colors and the smallest details.

The FK-N-CM-1135-2-SQ has a CS mount that allows the lens to be easily adapted to specific requirements.

An integrated microphone allows video with sound to be recorded.

In addition, the network camera with H.264/H.265 compression has lower bandwidth and storage requirements and increased security features.

MAIN FEATURES

- 2 MP / HDTV 1080p at 30 fps
- Day/night function with switchable IR filter
- Audio, built-in microphone
- Exchangeable CS-Mount lens
- H.264/H.265 support
- PoE (Power over Ethernet)
- microSD slot for Edge Storage



FK-N-CM-1135-2-SQ - TECHNICAL DATA

CAMERA	
Image sensor	Progressive scan RGB CMOS 1/2,9"
Lens	Varifocal, IR corrected, CS-mount, DC-iris, 3–10.5 mm
Field of View (FOV)	Horizontal: 90°–33°; Vertical: 49°–19°
Day and night	Automatically removable infrared-cut filter
Minimum illumination	HDTV 1080p 25/30 fps with Forensic WDR and Lightfinder: Color: 0.15 lux at 50 IRE, F1.4; B/W: 0.03 lux at 50 IRE, F1.4 HDTV 1080p 25/30 fps with Forensic WDR and Lightfinder: Color: 0.1 lux at 30 IRE, F1.4; B/W: 0.02 lux at 30 IRE, F1.4
Shutter time	1/33.500 to 2 s
VIDEO	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles; H.265 (MPEG-H Part 2/HEVC) Main Profile; Motion JPEG
Resolution	1920 x 1080 to 160 x 90
Frame rate	Up to 25/30 fps in all resolutions
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265
Image settings	Forensic WDR: up to 120 dB depending on scene, manual shutter time, compression, color, brightness, sharpness, contrast, white balance, exposure control (including automatic gain control), exposure zones, fine tuning of behavior at low light, rotation: 0°, 90°, 180°, 270° including Corridor Format, aspect ratio correction, text and image overlay, privacy mask, mirroring of images
Pan / Tilt / Zoom	Digital PTZ
AUDIO	
Audio streaming	Audio in, simplex
Audio encoding	24bit LPCM, AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz, configurable bit rate
Audio input / output	External microphone input or line input, built-in microphone (can be disabled), automatic gain control
NETWORK	
Security	Password protection, IP address filtering, HTTPSa encryption, IEEE 802.1x (EAP-TLS)a network access control, digest authentication, user access log, brute force delay protection, signed firmware, secure boot
Supported protocols	IPv4, IPv6, USGv6, HTTP, HTTPS, SSL/TLS, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP, MQTT
SYSTEM INTEGRATION	
Application programming interface	Open API for software integration, including VAPIX® and Axis Camera Application Platform, Axis Video Hosting System (AVHS) with One-Click Connection, ONVIF® Profile G, and ONVIF® Profile S
Event conditions	Audio: audio detection; Device status: above operating temperature, above or below operating temperature, below operating temperature, IP address removed, network lost, new IP address, storage failure, system ready, within operating temperature; Edge storage: recording ongoing, storage disruption I/O: digital input, manual trigger, virtual input; Scheduled and recurring: scheduled event Video: day/night mode, live stream open, tampering
Event actions	File upload via FTP, HTTP HTTPS, SFTP, network share and email Notification via email, HTTP, HTTPS, TCP Video recording to edge storage, pre- and post-alarm video buffering, PTZ preset, guard tour, send video clip, send SNMP trap, day/night vision mode, WDR mode, status LED indicator, output port
Data streaming	Event data
Built-in installation aids	Pixel counter
GENERAL	
Casing	Polycarbonate blend; Color: White NCS S 1002-B
Mounting	¼"-20 tripod screw thread
Sustainability	PVC free, 20% recycled plastics
Memory	512 MB RAM
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2, max 6.49 W, typical 4.1 W 8-28 V DC, max 6.49 W, typical 3.8 W
Connectors	RJ45 10BASE-T/100BASE-TX PoE; Terminal block for one input and one output (12 V DC output, max load 25 mA) DC input, terminal block; 3.5 mm mic/line in
Storage	Support for microSD/microSDHC/microSDXC card and encryption; Recording to network-attached storage (NAS)
Operating conditions	-20 °C to 50 °C (-4 °F to 122 °F); Humidity 10–85% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F); Humidity 5–95% RH (non-condensing)
Approvals	EMC: EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35; Safety: IEC/EN/UL 62368-1, CAN/CSA C22.2 No. 62368-1, IS 13252; Environment: EN 50581, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78; Network: NIST SP500-267
Dimensions / Weight	46 x 70 x 148 mm / 165 g (Bare bone); 205 g (with optics)

PIEPER

www.pieper-video.de
info@pieper-video.de

SCHWERTE

PIEPER GmbH
Binnerheide 33
58239 Schwerte
T: +49 2304 4701 0
F: +49 2304 4701 77

DÜSSELDORF

PIEPER GmbH
Gumbertstr. 111
40229 Düsseldorf
T: +49 211 2150 33
F: +49 211 2150 36

BERLIN

PIEPER GmbH
Großbeerenstr. 169
12277 Berlin
T: +49 30 722 52 99
F: +49 30 722 44 87

COTTBUS

PIEPER GmbH
Calauer Str. 70
03048 Cottbus
T: +49 355 430 903 40
F: +49 355 430 903 41