



CCMx1315-LP **1.3 Megapixel MJPEG / MPEG4** **IP Streaming Box Camera Range**

CCMC1315-LP
CCMS1315-LP

- Colour and Day/Night IP streaming box cameras
- Day/Night camera equipped with mechanical IR cut filter for brilliant video reproduction at day and night
- Day/Night model IR sensitive to enable discrete observation at night
- Simultaneous MJPEG and MPEG4 encoding
- SXGA 1280x960 (max. 12 ips), VGA 640x480 and QVGA 320x240 (max. 25 ips)
- Standardized protocols: TCP/IP, UDP/IP, DHCP, DNS, HTTP, RTP (RTCP, RTSP), SMTP, NTP, IGMP v3, UPnP
- Simultaneous video transmission of up to 5 independent cropping windows (MJPEG), freely configurable in size and position
- Integrated web server
- Activity (motion) detection and event email notification
- Bidirectional audio with integrated microphone
- 2 GB SD card support for local picture storage
- CVBS video control output (BNC, alternatively selectable by switch)
- Power over Ethernet (PoE)

Functionalities

The new Siemens 1.3 megapixel box camera range is a true CCTV IP security camera range that combines the requirements of classic analogue CCTV cameras with the high performance, flexibility and IT security of a modern video-over-IP device. For easy video setup, the camera supports a classic CVBS video output that can be activated via an internal switch. Thus even a later migration from classic video to IP video can be achieved without change of the camera model.

Features like activity (motion) detection, PTZ device control via RS485 output, privacy zones, the integrated firewall with IP filtering, up to 2 GB SD alarm image memory and email notification turn this IP camera into a true video security device.

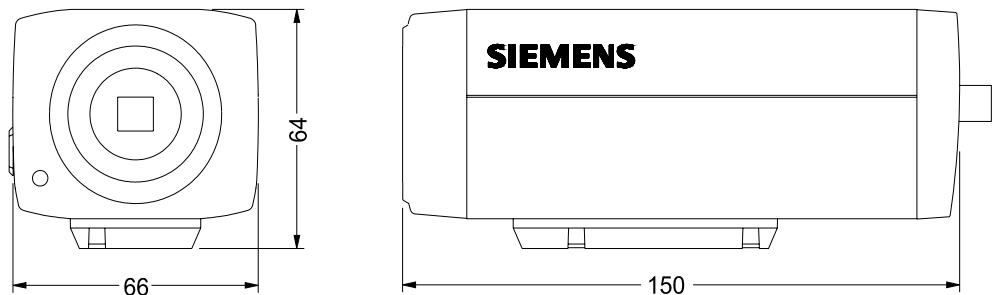
MJPEG / MPEG4 Compression

The cameras support both common video compression standards MJPEG and MPEG4. Usage of standardized protocols enables streaming / recording with existing Siemens SISTORE DVRs SISTORE MX / MX NVR / MX NVS (starting from Version 2.80). The cameras provide one MJPEG encoded video stream with a resolution up to SXGA (1280 x 960) and a second stream that is MPEG4 encoded with a resolution up to VGA (640 x 480).

Cropping

When set up in MJPEG mode, up to 5 different cropping areas can be freely configured in size and position within the visible video. Each of those areas can be transmitted and recorded as an independent video stream at the same time. Usage of a cropped area for observation can reduce the necessary bandwidth for transmission as only the important portion of the scenery can be recorded, avoiding to stream the full camera view, still keeping the advantage of the high megapixel resolution within this area.

Dimensions



Technical data

Specification	CCMC1315-LP	CCMS1315-LP
Image system		
Image sensor	1/3" progressive CCD (EXview HAD), 1.3 megapixels	
Effective pixels	Full scanning mode: 1280 (H) X 960 (V)	
Image compression method	MJPEG / MPEG4	
Image frame rate	SXGA (1280 x 960) at 12 ips max. (MJPEG only)	
	VGA (640 x 480), QVGA (320 x 240) at 25 ips max.	
Cropping window	Simultaneous video transmission of up to 5 independent cropping windows, freely configurable in size and position at 5 ips max. (MJPEG mode only)	
Video output (for installation)	1 Vpp 75 Ohm BNC composite video (CVBS or IP video alternatively selectable by switch)	
Electronics		
Synchronisation	Internal	
Signal/noise ratio	> 50 dB	
Lens mount	CS mount	
Gamma correction	0.45 / 1	
Minimum illumination	0.4 lx (F1.2, AGC On)	Colour 0.4 lx (F1.2, AGC On); BW 0.2 lx (AGC On)
White balance control	Auto (2500 – 10000 K) / Manual (1500 – 15000 K) / Preset	
Shutter speed	1/25 – 1/10,000 s; support of long shutter up to 4 s	
Back light compensation (BLC)	On/Off, BLC1 - BLC6	
Audio	Two-way audio; full-duplex, G.726 (integrated microphone)	
Alarm	1x alarm in, 1x alarm out, 1 x B/W switch in	
RS485	Yes	
SD card slot	2 GB SD-RAM included in scope of delivery	
Internal microphone	Yes	
Motion detection	1 MD window (selectable size & position) with 3 sensitivity levels	
Network		
Network interface	10 BASE-T/100 BASE-TX	
Image compression method	JPEG / MPEG4 (dual-streaming)	
Resolution	MJPEG: VGA (640 x 480) / QVGA (320 x 240) at 25 ips max. MJPEG: SXGA (1280 x 960) at 12 ips max. MPEG4: VGA (640 x 480) / QVGA (320 x 240) at 25 ips max.	
Image quality setting (compression level)	5 levels	
Audio function	Two-way mono audio; full-duplex	
Internet protocols	TCP/ IP, UDP, HTTP, SMTP, DNS, DHCP, NTP, ARP, ICMP, FTPc, FTPs, DDNS, RTP (RTCP, RTSP), IGMP v3	
Web browser	IE browser 6.0 or above	
I/O connector		
Network port	RJ45 with control LEDs	
Video output	BNC (CVBS out alternatively selectable by switch)	
AI Lens connector	1 x 4-pin jack (located on side)	
Audio in & out connector	3.5-mm phone jack	
Alarm connector	2 x alarm in / 1x alarm out	
Power connector	3-pin spring terminal block	
LED	Status, network link	
RS485	2-pin spring terminal	

Power supply		
Power requirements	12 V DC / 24 V AC, 50 Hz or PoE	
Power consumption	< 7 W	< 8.5 W
Power connector	Spring terminal	
Environment		
Ambient temperature, operating	-10 to 50 °C	
Operating humidity	80 % RH or less	
Ambient temperature, storage	-20 to 60 °C	
Mechanism		
Dimensions (L x W x H)	150 x 66 x 64 mm	
Weight	550 g	

Details for ordering

Type	Part no.	Designation	Weight
CCMC1315-LP	S54561-C80-A1	1/3" 1.3 MP Colour IP Camera 12 V DC / 24 V AC, 50 Hz or PoE	0.55 kg
CCMS1315-LP	S54561-C80-A2	1/3" 1.3 MP Day/Night IP Camera 12 V DC / 24 V AC, 50 Hz or PoE	0.55 kg

Accessories, not included in delivery

CLVD1316/3-8	S54561-B300-A1	1/3" Megapixel varifocal lens, direct-drive iris, F1.0, 3 – 8 mm	0.08 kg
CLVM1316/3-8	S54561-B301-A1	1/3" Megapixel varifocal lens, manual iris, F1.0, 3 – 8 mm	0.07 kg
CLVD1316/5-50	S54561-B302-A1	1/3" Megapixel varifocal lens, direct-drive iris, F1.4, 5 – 50 mm	0.08 kg
CLVM1316/5-50	S54561-B303-A1	1/3" Megapixel varifocal lens, manual iris, F1.4, 5 – 50 mm	0.06 kg

Issued by
Siemens Building Technologies
Fire & Security Products GmbH & Co. oHG
D-76181 Karlsruhe

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