



CCWC1345-LX, CCWC1345-MX

1/3" CMOS Ultra Wide Dynamic Color Camera

- High Resolution > 500 TVL
- 0.5 Lux Sensitivity
- Ultra Wide Dynamic Range: 120 dB
- Automatic color/mono switchover
- Easy OSD camera parameter setup
- Motion detection
- Twisted Pair video Output
- Noise Reduction (DNR)
- Back-Focus Wizard
- RS485 Remote Setup
- Dual Video standard PAL/NTSC

CCWC1345 is a 500 TVL high resolution color camera using the latest CMOS Image sensor and 32 Bit DPS (Digital Pixel System, PIXIM D2500 *) techniques to provide crisp, aperture corrected images for surveillance applications requiring detailed images even under extreme difficult illumination conditions.

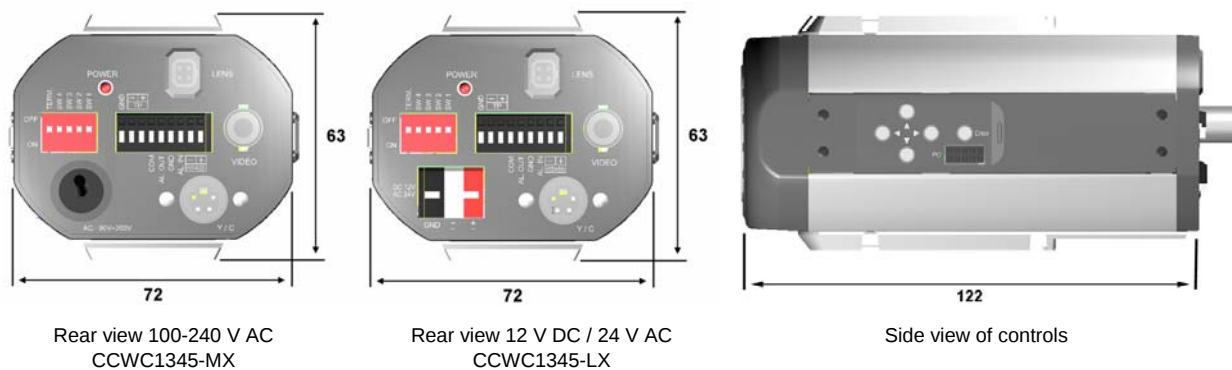
High Resolution Wide Dynamic

The latest 32 Bit DPS (Digital Pixel System*) technology enables the ultra wide dynamic video range up to 120 dB, providing video-pictures without over- or underexposed areas.

Twisted Pair video out

Besides the conventional BNC video output, the integrated twisted pair video output enables the transmission of the video signal via simple twisted pair cabling such as telephone cable over a distance of up to 1200 m using a twisted pair receiver unit such as TP-RXMOD2 or equivalent.

Dimensions and controls



Technical data

Television standard	PAL: 2:1 interlace V: 50 Hz, H: 15,625 Hz NTSC: 2:1 interlace V: 59.94 Hz, H: 15,734 Hz
Image sensor	1/3" CMOS, PIXIM* D2500, 720x540 active pixels
Horizontal resolution	> 500 TV lines (horizontal) @ Y/C output
Minimum illumination	0.5 lux @F=1.4 (AGC 30 dB, 50 IRE video output)
Dynamic range	> 120 dB (ultra wide dynamic)
Backlight compensation	6 areas selectable
Video output	BNC composite, Y/C output, Twisted pair
Gain control (AGC)	Selectable 0, 6, 12, 18, 24 up to 30 dB
Signal/noise ratio	> 50 dB
Gamma correction	0.45, 1.0 selectable
Aperture correction	High / mid / low
Lens control	Direct drive; 2 Lens-plug: on rear and on side
White balance	AUTO: range depending on preset mode. Manual: 40 steps by push button for R and B
Synchronization	Internal/ line lock selectable (AC only)
Privacy zone	One zone: size and position definable
Motion detection	Area and sensitivity selectable
Digital zoom	Max. 4x, with digital pan/tilt
Remote control	RS485: Siemens-B/ -S/ -U protocol
Power source	CCWC1345-LX: 12 V DC or 24 V AC CCWC1345-MX: 100 - 240 V AC $\pm 10\%$, 50/60 Hz
Power consumption	CCWC1345-LX: 4 VA / CCWC1345-MX: 4.5 VA
Temperature range - operating	-10 to +55 °C
- storage	-20 to +60 °C
Max. relative humidity	95%, no condensation
Dimensions (L x W x H)	122 x 72 x 63 mm
Tripod thread	A (1/4); 1/4 inch on bottom and top
Weight	550 g (max.)

*) PIXIM and Digital Pixel System are registered trademarks of PIXIM, Inc. All rights reserved.

Details for ordering

Type	Part no	Designation	Weight
CCWC1345-LX	2GF1183-8HA	1/3" CMOS Ultra Wide Dynamic Color Camera, 500 TVL, PAL/NTSC, 12 V DC/ 24 V AC	0.55 kg
CCWC1345-MX	2GF1183-8HB	1/3" CMOS Ultra Wide Dynamic Color Camera, 500 TVL, PAL/NTSC, 90 – 260 V AC	0.55 kg