



1/2" High resolution day-night colour camera

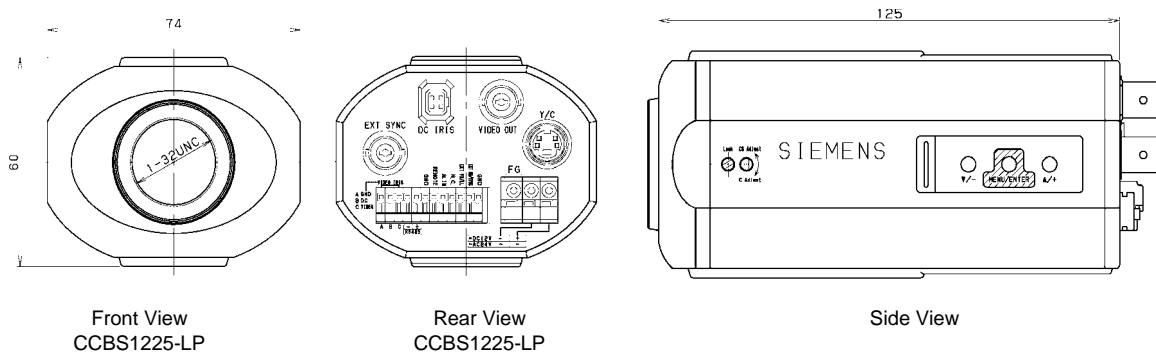
CCBS1225-LP

- **Automatic switching between colour and monochrome output**
- **Excellent sensitivity to IR illumination with automatic IR filter**
- **Extended dynamic range for back-light compensation**
- **Low speed shutter, integrated picture storage, and peak white inversion**
- **Easy on-screen adjustment and remote control via serial interface**

A high resolution colour camera that automatically switches to monochrome operation as lighting levels fall. The CCBS1225-LP uses the latest CCD technology and advanced digital signal processing (DSP) techniques to provide crisp, aperture corrected, low-smear images 24 hours a day.

- **Great low-light performance**
CCBS1225-LP uses the high sensitivity EXviewHAD CCD™ from Sony that provides high resolution and very low smear, even when viewing scenes containing strong light sources.
- **Excellent IR sensitivity**
With an automatic mechanical IR-cut filter and the camera's exceptional sensitivity, the CCBS1225-LP is extremely well suited to night time surveillance applications in which infrared illumination is used. The IR-cut filter enables the camera to reproduce natural colours in daylight mode.
- **Back-light compensation with extended dynamic range**
Through the application of the latest DSP technology, backlight pictures that have areas with differing levels of lighting can be corrected. With this feature, both dark and bright picture segments can be optimally exposed. Alternatively a standard backlight compensation function with 49 zones can be selected.

Dimensions and controls



Technical data

Television standard	625 lines, 50 fields/s, 50 Hz (vertically), 15.625 Hz (horizontally)
Image sensor	1/2 inch interline CCD 752 (H) x 582 (V) active pixels
Horizontal resolution	>450 lines
Minimum illumination	Standard: 0,008 Lux (F1.2, AGC 39 dB) at 50 IRE (monochrome) 0,045Lux (F1.2, AGC 39 dB) at 50 IRE (colour)
Low speed shutter	Up to 400x (= 8s)
Electronic shutter	Auto, 8s;4s;2s;1s;1/2s;1/4s;1/8s;1/15s;1/25s;1/50s;1/120s; 1/250s;1/500s;1/1.000s;1/2.000s;1/4.000s;1/10.000s; 1/20.000s;1/30.000s
Back-light compensation	Back-light compensation with programmable grid (49 zone)
Peak white inversion	Threshold and inversion level adjustable
Video output	1Vpp composite (75 Ohm), BNC
Automatic gain control (AGC)	Auto or manually adjustable max. 39dB
Signal/noise ratio	> 51 dB
Gamma	Standard 0,45; manually adjustable up to 1,00
AI Lens control	Direct drive or video drive
Synchronisation	Internal: with crystal External: mains, video or HD/VD synchronisation,
Picture storage	4 Pictures
Camera title	24 character title (position adjustable)
Remote control	RS485 and RS232 (TTL)
Recommended power source	12 VDC, appx. 500 mA or 24 VAC, appx. 400 mA \pm 10%
Power consumption	appx.5.0 W
Temperature range (operating)	-10 to +50°C (in operation)
Relative humidity	30 to 90%, non-condensing
Dimensions (W x H x D)	74 x 60 x 125 mm
Weight	0.45 kg

Details for ordering

Type	Part no.	Designation	Weight
CCBS1225-LP	2GF1118-8EA	1/2" DSP High Resolution PAL Day-night camera > 450TVL, 12 VDC or 24 VAC, 50 Hz	0.45 kg