



CCBB1225-LC

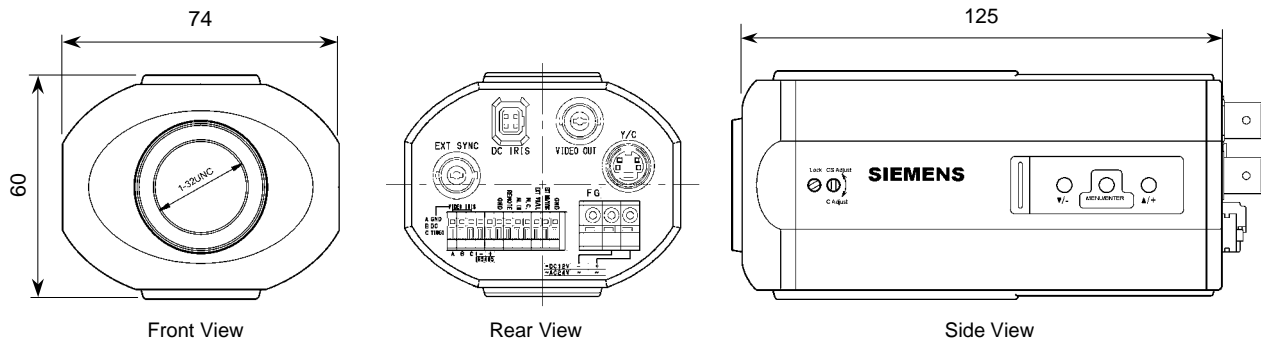
1/2-inch high resolution Monochrome camera

- **High Resolution DSP Monochrome camera**
- **Excellent sensitivity to IR illumination**
- **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**

The CCBB1225-LC 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**
CCBB1225-LC uses the high sensitivity ExView CCD™ from Sony that provides high resolution and very low smear, even when viewing scenes containing strong light sources.
- **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 compensated. 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



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	580 lines
Minimum illumination	0.0037 Lux (F1.2, AGC 39 dB) at 50 IRE
Low speed shutter	Up to 400 x (= 8 s)
Electronic shutter	Auto, 8 s; 4 s; 2 s; 1 s; 1/2 s; 1/4 s; 1/8 s; 1/15 s; 1/25 s; 1/50 s; 1/120 s; 1/250 s; 1/500 s; 1/1000 s; 1/2000 s; 1/4000 s; 1/10000 s; 1/20000 s; 1/30000 s
Back-light compensation	Back-light compensation with programmable grid (49 zone)
Peak white inversion	Threshold and inversion level adjustable
Video output	1 Vpp composite (75 Ohm), BNC
Automatic gain control (AGC)	Auto or manually adjustable, max. 39 dB
Signal-to-noise ratio	> 50 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 TTL
Recommended power source	12 V DC, approx. 330 mA or 24 V AC, approx. 300 mA \pm 10%
Power consumption	Approx. 5.0 W
Temperature range (operating)	-10 to +50 °C
Relative humidity	Max. 90%, no condensation
Dimensions (W x H x D) in mm	74 x 60 x 125

Details for ordering

Type	Part no.	Designation	Weight
CCBB1225-LC	2GF1081-8EA	1/2-inch DSP High Resolution CCIR Mono camera, 580 TVL, 12 V DC or 24 V AC, 50 Hz	0.45 kg