



1/3" Standard resolution monochrome cameras

CCBB1320-LC
CCBB1320-MC

- **Switchable back-light compensation**
- **Available in 12 V DC / 24 V AC and 230 V AC versions**
- **Compatible with infrared illuminators**
- **Cable management bracket for lens cable**

CCBB1320 is an excellent choice of monochrome camera for general surveillance applications. Good low-light sensitivity, electronic shutter, automatic gain control and back-light compensation enable this camera to operate in a wide range of lighting conditions.

- **Infrared illumination**

CCBB1320 provides remarkably good night-time pictures when used in conjunction with both solid-state (LED) and halogen type infrared illuminators.

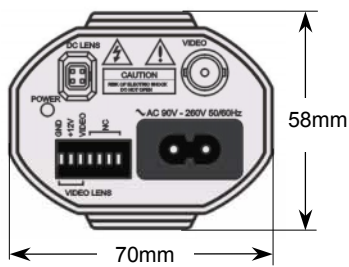
- **Electronic shutter**

The electronic shutter automatically adjusts from 1/50 to 1/100,000 of a second in response to varying light levels, enabling the use of manual and auto iris lenses in a wide variety of situations.

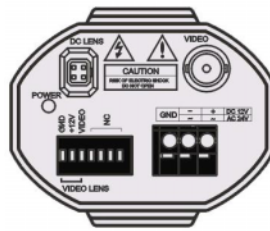
- **Line-lock**

AC powered cameras feature phase adjustable line-lock for "roll-free" switching on multi-camera installations.

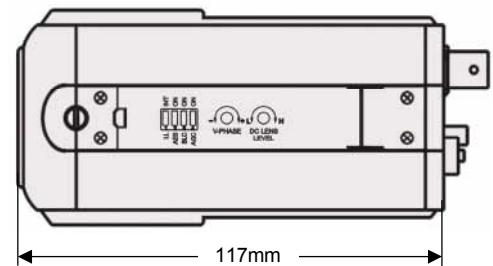
Dimensions and controls



Rear View 90~260 V AC
CCBB1320-MC



Rear View 12 V DC / 24 V AC
CCBB1320-LC



Side View of controls

Technical data

Television standard	625 lines, 50 fields/s, 50 Hz (vertically), 15.625 Hz (horizontally)
Image sensor	1/3 inch interline CCD 500 x 582 active pixels
Horizontal resolution	400 lines
Minimum illumination	0.1 Lux (F1.2, AGC On) at 50 IRE
Electronic shutter	Automatic between 1/50 and 1/100,000 sec
Back-light compensation	Selectable: On or Off
Video output	1Vpp composite (75 Ohm), BNC
Automatic gain control (AGC)	Selectable: On (25 dB) or Off
Signal/noise ratio	> 50 dB
Gamma	0.45
Lens control	Direct drive or Video drive
Synchronisation	Internal: with crystal External: mains synchronisation
Recommended power source	CCBB1320-LC: 12 V DC or 24 V AC, 10 VA CCBB1320-MC: 100~240 V AC \pm 10%
Power consumption	2.8 W
Temperature range (operating)	-10 to +50°C
Relative humidity	30 to 95 %, non-condensing
Dimensions (W x H x D)	70 x 58 x 117 mm
Weight	CCBB1320-LC: 0.6 kg CCBB1320-MC: 0.7 kg

Details for ordering

Type	Part no.	Designation	Weight
CCBB1320-LC	2GF1083-8AA	1/3" Standard Resolution CCIR Camera 400TVL 12 V DC or 24 V AC, 50 Hz	0.6 kg
CCBB1320-MC	2GF1083-8CA	1/3" Standard Resolution CCIR Camera 400TVL 90~260 V AC, 50 Hz	0.7 kg