



## 1/3 inch Super High Resolution DSP Day/Night Camera

CCBS1337-LP  
CCBS1337-MP

- Super High Resolution 540 TVL
- Easy setup of camera and back-focus using OSD-functions
- Day-Night camera with built-in mechanical IR-Cut filter
- Back-focus “Wizard-function”
- Latest 10 Bit DSP technology
- RS485 Remote controllable

CCBS1337 is a 540 TVL super high resolution DSP Day/Night camera using the latest CCD and advanced 10 bit DSP signal processing techniques to provide crisp, aperture corrected images for surveillance applications requiring detailed images.

### Day/Night

CCBS1337 is equipped with a mechanical IR-filter that provides good picture quality 24 hours a day in color and black/white mode. The switch-over from Color to B&W can be performed automatically depending on ambient light conditions or by external signal using the switch-input of the camera.

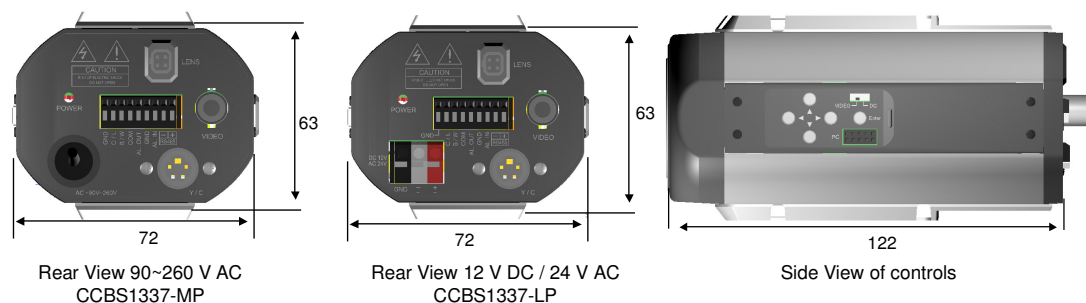
### Easy Setup

All camera adjustments are performed via an easy to use OSD. Navigation buttons are located behind a discreet side panel. Improved back-focus setup mechanism and “wizard-function” provide easy camera-installation without additional tools such as ND-filters.

### Privacy Zones

The camera supports 8 programmable Privacy-zones that mask out sensitive picture contents.. The masked areas will be displayed blackened.

## Dimensions and controls



## Technical data

Television standard	625 lines, 50 fields/s, 50 Hz (vertically), 15.625 Hz (horizontally); PAL
Image sensor	1/3 inch interline CCD, 752 x 582 active pixels
Horizontal resolution	540 TVL
Minimum illumination	CL: 0.4 Lux @ F=1.4 (AGC 30 dB, 50IRE Video Output) BW: 0.08 Lux @ F=1.4 (AGC 30 dB, 50IRE Video Output)
Color / BW-switch (Night-mode)	automatic / manual switch with mechanical IR-cut-filter
Electronic shutter	Automatic: between 1/50 and 1/100,000 sec Manual: 1/50s, 1/120, 1/250, 1/400, 1/1K, 1/2K, 1/5K, 1/10K
Back-light compensation	Center 1, Center 2, Up Half, Low Half, Door Low, Door High
Video output	FBAS: 1,0 Vpp composite (75 Ohm), BNC Y/C: Y: 1,0 Vpp / C: 0.3 Vpp (75 Ohm), 4pin socket
Automatic gain control (AGC)	selectable (OFF, Normal, Turbo); gain (up to 30 dB)
Signal/noise ratio	> 50 dB
Gamma	0.45 / 1.0 selectable
Lens control	Direct drive or Video drive; 2 Lens-plug: on rear and on side
Synchronization	Internal: with crystal / External: Line Lock (auto detect)
Privacy zones (static)	8 blocks definable
Camera title	16 characters definable
Remote control	RS485, Baud rate: 2400...9600 Baud, Cam-ID adressable
Recommended power source	CCBS1337-LP: 12 V DC or 24 V AC CCBS1337-MP: 100~240 VAC $\pm$ 10%
Power consumption	5 VA typical, max. 8 VA with moving IR-CUT filter
Temperature range (operating)	-10 to +50 °C
Relative humidity	30% to 95%, non-condensing
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	CCBS1337-LP: 0.45 kg CCBS1337-MP: 0.55 kg

## Details for ordering

Type	Part no.	Designation	Weight
CCBS1337-LP	2GF1118-8FA	1/3 inch Super High Resolution DSP Day/Night Camera; 520 TVL, PAL 12 V DC/ 24 V AC, 50 Hz	0.45 kg
CCBS1337-MP	2GF1118-8FB	1/3 inch Super High Resolution DSP Day/Night Camera; 520 TVL, PAL, 100~240 V AC, 50 Hz	0.55 kg