



## 1/3-inch High-Resolution Dipswitch Day/Night Color Camera

CCBS1345-LP  
CCBS1345-MP

- **Day/Night camera with built-in mechanical IR cut filter**
- **Composite and twisted pair video output**
- **High resolution: 480 TVL colour / 540 TVL B/W**
- **Easy DIP-switch camera setup**
- **Backlight compensation BLC**
- **Line-lock synchronisation**
- **Picture sharpness selectable: sharp / soft**

CCBS1345 is a 480/540 TVL high resolution day/night camera which provides crisp, aperture corrected images for surveillance applications requiring detailed images.

### **Day/Night**

CCBS1345 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 (3 levels selectable) or by an external signal using the switch input of the camera.

### **Twisted pair video output**

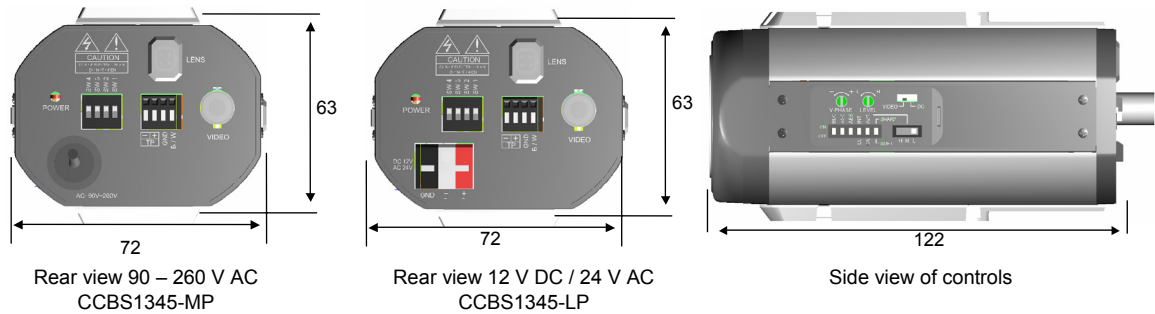
The additional twisted pair video output enables the transmission of the video signal over 1200 m via simple twisted pair cabling such as telephone cable in conjunction with a suitable receiver such as TP-RXMOD2 or TP-RX11.

### **Easy setup**

All camera adjustments are performed via DIP switch. The settings provide powerful functionality such as selection of **Back Light Compensation**, **Automatic Exposure Shutter** for usage of manual and auto iris lenses, **Line-Lock** function and sharpness selection. DIP switches are located behind a discreet side panel. Improved back-focus setup mechanism provides easy camera installation.

## **Fire Safety & Security Products**

## 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	480 TVL color / 540 TVL B/W
Minimum illumination	CL: 0.3 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	On: Automatic between 1/50 and 1/100,000 sec Off: 1/50 s
Back-light compensation	On / Off
Video output	FBAS: 1 Vpp composite (75 Ohm), BNC Twisted pair, spring terminal
Automatic gain control (AGC)	Max. 30 dB
Signal/noise ratio	>50 dB
Gamma	0.45
Image sharpness	Sharp / soft selectable
Lens control	Direct drive or video drive; 2 lens plugs: on rear and on side
Synchronisation	Internal: with crystal External: line lock
Recommended power source	CCBS1345-LP: 12 V DC or 24 V AC CCBS1345-MP: 100 – 240 V AC $\pm$ 10%
Power consumption	-LP: typ. 4 VA -MP: typ. 4.5 VA max. 7 VA with moving IR cut filter
Temperature range (operating)	-10 to +50 °C
Storage temperature	-20 to 60 °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

## Details for ordering

Type	Part no.	Designation	Weight
CCBS1345-LP	2GF1118-8GA	1/3-inch High-Resolution DSP Color Day/Night Camera; 480 TVL, PAL, 12 V DC/ 24 V AC, 50 Hz	0.45 kg
CCBS1345-MP	2GF1118-8GB	1/3-inch High-Resolution DSP Color Day/Night Camera; 480 TVL, PAL, 90 – 260 V AC, 50 Hz	0.55 kg
<b>Accessories, not included in delivery!</b>			
PSU230-12	2GF1800-8BE	Power supply unit for 12 V DC camera	0.12 kg
CAPA2410-P	2GF1800-8BJ	Power supply unit for 24 V AC camera	0.30 kg