

High resolution digital 1/3" color cameras (advanced version)

Art. No. 13130 **Model name** VC-HC-48012HR-G **Version** 12V DC

Art. No. 13140 **Model name** VC-HC-48230HR-G **Version** 230V AC

Even this high resolution cameras operate by digital automatic control circuits, additionally set-ups can be done according to the individual circumstances at the camera position.

1) Backlight ON-OFF

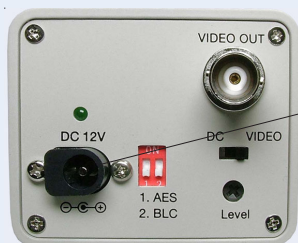
Backlight function increases the brightness of darker areas in the picture.

2) Choice of optical iris function

Complex light conditions can be additionally regulated by using auto iris driven lenses.



VDE **CE** **EMC**



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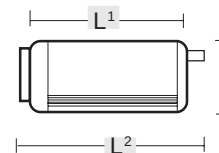
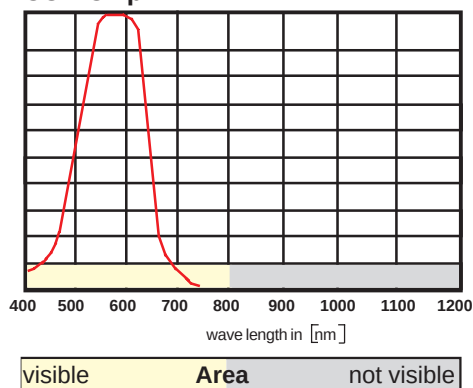


Art.: 13140

Technical data

Horizontal resolution:	480 TV-lines
Pick-up device:	1/3" Sony Super HAD CCD-Chip
Minimum illumination:	0,25 Lux / F 1,4
Spectral sensitivity:	380 bis 800 nm wave length
Modulation depth:	80%
Enhancer: Vertical and horizontal:	Digital aperture improvement
Gamma-correction:	0,45
Signal to noise-ratio:	> 58 dB
AGC / ALC:	Max. 28 dB / 72 dB
Synchronisation:	Internal
Automatic electrical shutter:	1/50 - 1/100000 sec.
Backlight compensation:	(BLC) switchable
Scanning system:	PAL, 625 lines, 50 Hz
Video output:	FBAS, 1 Vss on 75 ohm
Power source / consumption:	(13130)... 12V DC / 3 W (13140)... 230V AC / 3 W
Environmental temperature:	-10 to +50 °C
Environmental humidity:	Up to 95%
Electrical safety:	EN 60065+60950 VDE / UL
MTBF:	80.000 hours
EMC:	EN 50081+82, CE-certification
Maximum shock:	80 G
Maximum vibration:	8 G
Mounting screw holes:	Top and bottom (1/4" thread)
Lens mount:	CS-Mount und C-Mount Adapter
Iris:	AES, DC or AI lenses
Connections:	(13130)... 12V DC female (13140)... 2 m power supply Video outputs BNC DC lenses female

Spectral sensitivity of camera CCD-Chip



Weight:
200g (DC) / 400g (AC)
Dimensions:
L¹ 95mm, L² 110mm
Width: 55mm, Height 45mm