

1/3" industry color cameras

Art. no. 13110-Z Model name VC-HC-38012

Version 380TVL / 12V DC

Art. no. 13130-Z Model name VC-HC-48012-HR

Version 480TVL / 12V DC

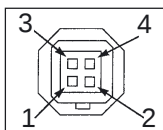
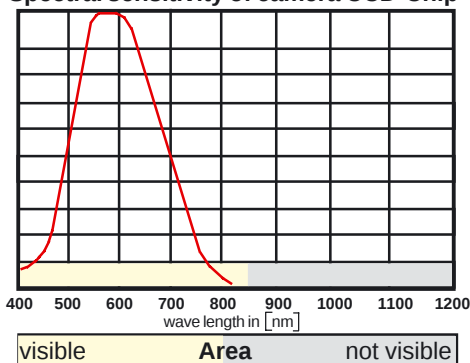


**VC-Products
mean
high quality
and
reliability
with
German
engineering
and
design**

Technical data

Resolution:(13110-Z).....380 tv lines (512 x 582 pixel)
(13130-Z).....480 tv lines (752 x 582 pixel)
Minimum illumination:.....0,25 Lux / F 1,4
Pick-up device:.....1/3" Sony Super HAD CCD-Chip
Signal machining:.....Digital (DSP)
Spectral sensitivity:.....380 up to 800 nm wave length
DIP switch for:.....DC/AI respectively Shutter Mode,
Flickerless, Mirror, Backlight
Gamma-correction:.....0,45
Knee function:.....For edge enhancement
Signal-to-noise ratio:.....> 46 dB
AGC:.....Max. 26 dB
Synchronisation:.....Internal
Electrical shutter:.....1/50 - 100000 sec.
Intelligent backlight compensation:.....yes (auto)
Smear effect:.....0,004%
LAG:.....Zero
Scanning system:.....PAL, 625 lines, 50 Hz
Video output:.....FBAS, 1 Vpp 75 ohm
Power source / consumption:.....12V DC / 0,2 A
Environmental temperature:.....-10 up to +55°C
Environmental humidity:.....Up to 90%
Electrical safety VDE:.....EN 60065+60950
EMC:.....EN 50081+82, CE-certification
Maximum vibration:.....8 G
Mounting attachment:.....1/4" screw threads
Weight:.....250 g
Measurements:(WxHxD).....50 x 60 x 100 mm
Lens mount:.....CS-Mount and C-Mount Adapter
Iris:.....Electr. shutter, AI and DC video signal
Connections:.....12 V DC terminal with 3 screw connection
Video output BNC
4pin lens socket
Functions range:.....DIP switch
Included accessories:.....C/CS-Mount adapter
4pin lens plug
Suitable accessories:.....All lenses, brackets and environmental housings

Spectral sensitivity of camera CCD-Chip



Nr.	Connection	Nr.	Connection
DC 1	Control -	VIDEO 1	8,5 V +
2	Control +	2	N/C
3	Drive +	3	Video
4	Drive -	4	Ground



**pictures performance
shown
with and without
backlight function**



VDE CE EMC