High end and speed dome cameras

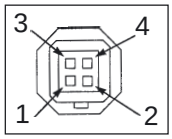
Quality, digital 1/3“ color system cameras

Art. no. 15116 **Model name** VC-PHC-48012HR **Version** 480TVL / 12V DC

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

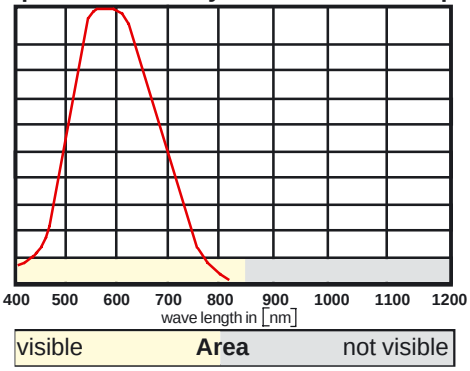
Technical data

Horizontal resolution:	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:	Flickerless, Backlight, DC/AI resp. Shutter Mode AGC max. (ON/OFF), AWB, ATW, MWB
Gamma-correction:	0,45
Knee function	For edge enhancement
Signal-to-noise ratio:	> 50 dB (AGC off)
AGC:	Max. 26 dB
Synchronisation:	Internal / linelock
Electrical shutter:	1/50 - 100000 sec.
Intelligent backlight compensation:	yes (auto)
Smeareffekt:	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:	12V 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



No.		Connection	No.		Connection
DC	1	Control -	VIDEO	1	8,5 V +
	2	Control +		2	Nicht belegt
	3	Drive +		3	Video
	4	Drive -		4	Masse

Spectral sensitivity of camera CCD-Chip



Normal

pictures performance shown with and without backlight function

BLC

VDE CE EMC