

1/3" OSD FIT colour camera, back light negation with frame integration

Art. No. 13806

Model name VC-FIT-48012/24

Version 12V DC bzw. 24V AC



VDE **CE** **EMC**

With this maintenance free night-vision colour camera new dimensions and possibilities for professional CCTV applications are established. The fully automatic light adjustment from bright sunshine (100.000 Lux) to starlight (0,001 Lux by frame integration) provides a 24-hour observation without additional light.



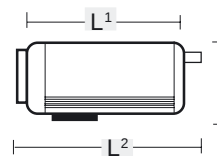
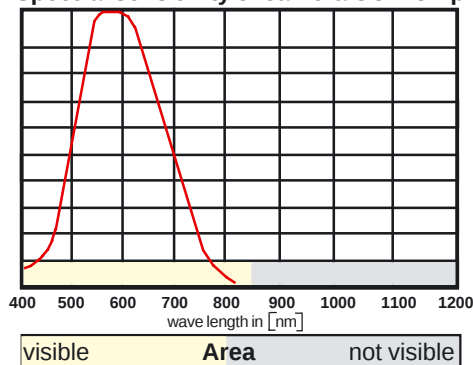
The built-in digital black mask backlight compensation technology ensures outstanding overall image quality when parts in the picture are under especially strong light.



Technical data

Resolution:	480 lines (752 x 582 pixel)
Pick-up device:	1/3" Sony ITL-S HAD-CCD-Chip
Minimum illumination:	0,001 Lux / F 1,2
Spectral sensitivity:	380 to 800 nm wave length
Digital autom. white balance:	2800 - 8000° K (adjustable)
Special functions:	128-times frame integration alphanumeric display
Black mask backlight compensation:	In 3 grey steps adjustable
On-Screen Set-up by:	5 Buttons on camera backside
OSD Remote control:	Direct, RS-485 / RS-232
Modulation depth:	80%
Enhancer: vertical and horizontal:	Digital aperture (2H)
Gamma-correction:	0,45 or 1
Knee function:	For increasing number of greysteps
Signal-to-noise-ratio:	> 50 dB without, 64 dB with filter
Super-AGC / AGC / MGC :	Super-Wide-Dynamic function
Synchronisation:	Internal / Linelock (at AC voltage)
Elektr. Shutter, autom., manual or combined with autom. lenses:	Selectable
Smeareffekt:	0,004%
LAG:	Zero
Scanning system:	PAL, 625 lines, 50 Hz
Video output:	CVBS
Power source / consumption:	12V DC / 24V AC / 3 Watt
Environmental temperature:	-10 to +50 °C
Environmental humidity:	Up to 95%
Electrical safety:	EN 60065+60950 VDE / UL
EMC:	EN 50081+82, CE-certification
Maximum vibration:	8 G
Mounting screw holes:	Top and bottom (1/4" thread)
Lens mount:	CS-Mount and C-Mount adapter
Iris:	Elektr. shutter, DC Iris, AI-video signal combined with or without shutter use
Connections:	12 V DC / 24 V AC: screw connectors Video OUT: BNC socket Lens: 4-pin socket 4-pin-connector RS-485 / RS-232

Spectral sensitivity of camera CCD-Chip



Weight:

380g

Measurements:

L¹ 118mm, L² 127mm

Width: 68mm, Height 56mm