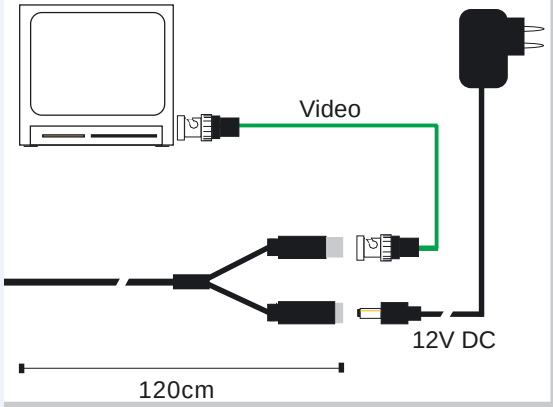
Board and miniature cameras

1/3“ color cameras integrated in smoke detector housing

Art. no. 12700-IR **Model name** VC-F-RAUCH-STD380IR **Version** 380 TVL
Art. no. 12750-IR **Model name** VC-F-RAUCH-STD480IR **Version** 480 TVL
Art. no. 12714-IR **Model name** VC-F-RAUCH-STD480EXIR **Version** 480 TVL



Standard packing:
color camera in smoke detector with 4,3mm lens and 1,2m connection cable
equipped with: DC plug and BNC socket for video

Accessories:
Stabilized power supply
12V DC/400mA (art.no. 20114)

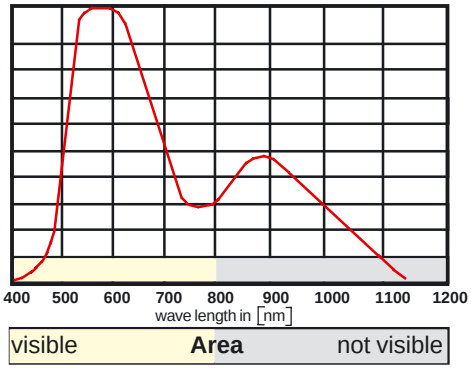
VDE CE **EMC**

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

Technical data

Resolution:(12700-IR)	380TVL (512 x 582 pixel)
(12750-IR, 12714-IR)	480TVL (752 x 582 pixel)
Minimum illumination:(12700-IR, 12750-IR)	0,5 Lux / F 1,4
(12714-IR)	0,05 Lux / F 1,4
Pick-up device:(12700-IR, 12750-IR)	1/3“ CCD-Chip Sony Super HAD
(12714-IR)	1/3“ CCD-Chip Sony EXview
Automatic white balance:	2800°-8200°K
Enhancer:	Horizontal
Gamma-correction:	0,45
Knee function:	yes, for edge enhancement
Signal to noise-ratio:	> 48 dB
AGC:	26 dB
Synchronisation:	Internal
Electr. Shutter:	1/50 - 1/100000 sec. (auto)
Backlight compensation:	Yes, auto BLC
Smearing effect:	0,004%
LAG:	Zero
Scanning system:	PAL, 625 lines, 50 Hz
Video output:	FBAS 1 Vpp / 75 Ohm
Power source / consumption:	12V DC, 0,1 A (reverse battery protection)
Environmental temperature:	-10 up to +50 °C
Environmental humidity:	Up to 95%
Electrical safety:	EN 60065+60950
EMC:	EN 50081+82, CE-Zertifikation
Maximum vibration:	8 G
Mounting attachments:	4 bore hole 4 mm Ø
Weight:	140 g
Measurements:	32x32mm and 38x38mm
Lens:	4,3 mm/ F 2,0 (58° horizontal)
Lens mount holder:	12 mm thread
Iris:	Fixed
Focussing:	Manual (0,5m bis ∞)

Spectral sensitivity of camera CCD-Chip



Measurements

Interior view

The camera being mounted on the internal sledge in distance to the grid/ in the slope angle, car be adjusted individually according to PCB size and used lens.