

1/3" color cameras integrated in smoke detector housing

Art. no. 12700 Model name VC-F-RAUCH-STD380

Version 380 TVL

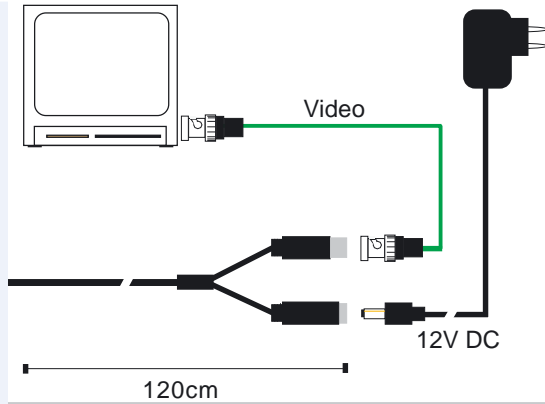
Art. no. 12750 Model name VC-F-RAUCH-STD480

Version 480 TVL



VDE CE EMC

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



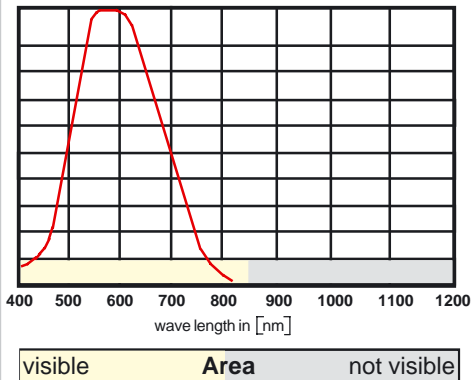
Standard packing:
color camera in smoke detector with 4,3mm lens and 1,2m connection cable equipped with: DC plug and BNC socket for video

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

Technical data

Resolution:(12700).....	380TVL (512 x 582 pixel)
(12750).....	480TVL (752 x 582 pixel)
Minimum illumination:.....	0,5 Lux / F 1,4
Pick-up device:.....	1/3" CCD-ChipSony Super HAD
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, can be adjusted individually according to PCB size and used lens.

