

High resolution color cylinder cameras in weatherproofed housing (IP68) with thermostatic regulated heater incl. 4-9mm vario lens and bracket

Art. no.	Model name	View angle	3m Connection cable
14012-PA	VC-FCYW-VARIO-4/9HRPA	adjustable 30°-62°	with DC and BNC socket
14012	VC-FCYW-VARIO-4/9HR	adjustable 30°-62°	with DC and BNC socket
14027	VC-SO-32M	sunroof	

Standard packing



With sunroof



Open for lens settings



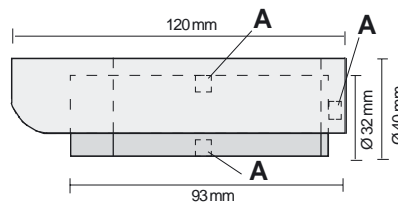
VDE **CE** **EMC**

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

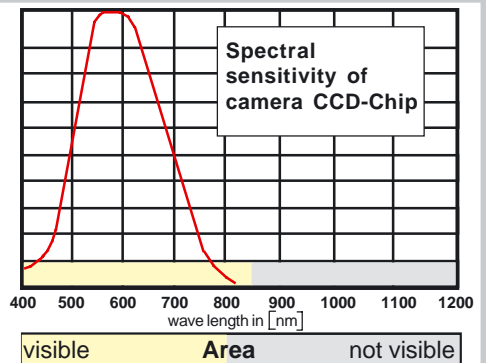
Technical datas

Resolution:	480 lines (752 x 582 pixel)
Pick-up device:(14012-PA)	1/3" Panasonic CCD-Chip
(14012)	1/3" Sony CCD-Chip
Minimum illumination:	0,25 Lux / F 1,4
Automatic white balance:	2800° - 8200° K
Modulation depth:	80%
Enhancer:	Horizontal
Gamma-correction:	0,45
Knee function:	For increasing contrast
Signal-to-noise ratio:	> 50 dB
AGC:	30 dB
Synchronisation:	Internal
Automatic electrical shutter:	1/50 - 1/100000 sec.
Intelligent backlight compensation:	automatic (BLC)
Smeareffekt:	0,004%
LAG:	Zero
Scanning system:	PAL, 625 lines, 50 Hz
Video output:	FBAS, 1 Vpp / 75 ohm
Power source / consumption:	12 (9-15) V DC / 0,1 A
Environmental temperature:	-30 to +50 °C
Environmental humidity:	Up to 100%
Electrical safety:	60065+60950 VDE
EMC:	EN 50081+82, CE-certification
Maximum vibration:	8 G
Weight:	200g
Focal length:	4-9mm vario lens
Iris control:	Fixed ∞
Focal range:	Manual 0,5m -
Connection:(Video,SPG.)	3 m connection cable with BNC socket and 12V DC socket
Housing (alu):	Beige coated
Montage mounting:	Provided wall / ceiling bracket
Suitable accessories:	Sunroof (Art.no. 14027) Stabilized power supply (Art.no. 20114)

Measurements



**A = 1/4" thread for provided
wall / ceiling bracket**



Area covered by the angle of lens in relation to the distance of the camera

focal lenght	angle	Distance between camera and subject										
		1m	2m	3m	4m	5m	10m	30m	50m	80m	100m	
		width of picture view					according to the lens angle (m)					
4,0mm	62°	1,1	2,2	3,3	4,4	5,5	11	33	55	88	110	
9,0mm	30°	0,5	1,0	1,5	2,0	2,5	5,0	15	25	40	50	

2,5 m is the maximum widthness in order to recognize a strange face

4,5 m is the maximum widthness in order to recognize a car plate

25 m is the maximum widthness in order to recognize subjects at least 1m wide