



## VKC-13100/IR-650

Article-No.: 200599

1/3" Camera, Day&Night,  
6-50mm, 650 TVL,  
IR Illumination, 12/24V, IP68

### Mainfeatures

1/3" Sony 960H EX-view CCD (Effio-E DSP)  
Horizontal video resolution 650 TVL  
2D-DNR powerful digital noise reduction  
Privacy masking/mirror/motion detection

Illumination range: approx. 50m (40 LEDs 850nm)  
Supply voltage 12VDC or 24VAC

True day&night mode with IR cut filter (ICR)  
Integral varifocal lens F1.4/6-50mm  
Digitale wide dynamic range (E-WDR)  
Easy installation (mounting aid), fixation via central screw  
Focus and zoom adjustable from the outside  
Bullet housing, wall or ceiling mount, hidden cable routing

### Specifications

System	day&night
Video standard	PAL
Sensor size	1/3"
Imager	CCD
Imager	EFFIO 1/3" Sony EX-view HAD CCD II
Active picture elements	976(H) x 582(V) pixels
Synchronization	internal
Signal-to-noise ratio	48dB
Gamma correction	0.45
Horizontal resolution	650 TVL
Sensitivity (at 50% video signal)	0,19 Lux
Sensitivity (at 50% video signal)	(B&W) at F1.2 (measurement result)
Exposure modes	automatic, manual
Automatic electronic shutter (ESC)	1/50 ~ 1/10,000sec.




## Specifications (continued)

Low speed shutter	no
Automatic gain control (AGC)	On/Off switchable
Digital Noise Reduction (DNR)	yes
Digital Noise Reduction (DNR)	2D NR
White balance	ATW, push, user defined, manual, push lock
Backlight compensation	BLC, HLC
Backlight compensation	ON/OFF switchable
Wide Dynamic Range (WDR)	D-WDR
IR cut filter	switchable
Video outputs	composite (CVBS)
Lens type	varifocal
Focal length	6 mm - 50 mm
Aperture range (F)	F1.4
e-PTZ support	no
Digital zoom	no
Horizontal angle of view	43,6° - 5,4°
MOD (Minimum object distance)	0,5 m
Illumination	infrared
Illumination	40x IR-LEDs 850nm
Menu languages	German, English, French, Spanish, Portugese, Russian, Japanese
OSD function control	OSD camera setup
Text display	title and camera ID
Activity detection	yes
Motion detector	4 zones, ON/OFF switchable
Privacy zones masking	8 zones masking
Serial interfaces	no
External adjustments	menu
External connections	voltage input, video (BNC)
Mounting	wall mount, ceiling mount
Temperature range (operation)	-20°C ~ +50°C
Housing material	aluminium
Housing	outdoor, bullet
Integrated wall mount	yes
Hidden cable management	yes
Sunshield	yes
Window heater	no
Colour (housing)	Pantone 7541
Vandalism resistant	no
Protection rating	IP68
Alarm inputs	no
Alarm outputs	no
Supply voltage	12VDC, 24VAC
Supply voltage	(+/-10%)
Power consumption	12watts @ 24VAC, 6W @ 12VDC
Dimensions (HxWxD)	see drawing
Parts supplied	manual, screw set, allen key, mounting plate, Video sub-out cable

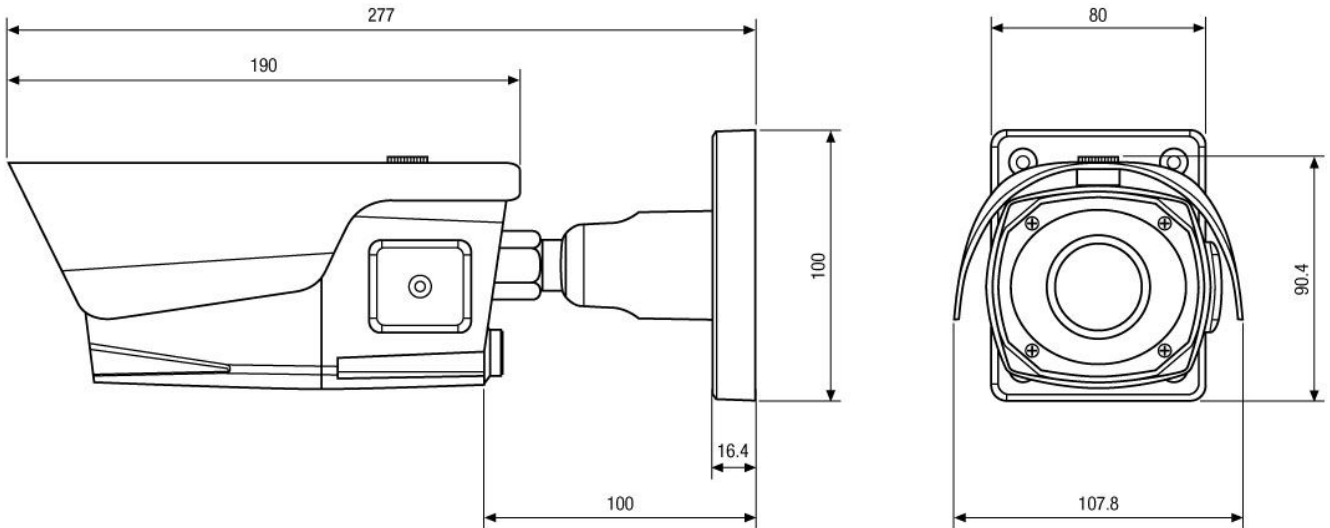
## Specifications (continued)

Special features	dynamic (light) intensity control (DIC)
Certificates	CE

## Optional Accessories

Image	Artikel-Nr. / Typ	Description
	NE-132/AC24V	Power Supply Unit 230VAC/24VAC (1.0A)
	VT-PS12DC-9	Plug-in Power Supply Unit 100-240VAC 12VDC (1.0Amp), Regulated, w. open Ends
	PM-42	Pole Mount Adapter, for Housing Series Candid, W3 Plug&Play

## Technical Drawing



Maße/Dimensions: mm

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