

# VKC-13100/IR-2810

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VKC-13100/IR-2810  
1/3" Camera, Day&Night, 2.8-10mm, 650 TVL,  
IR Illumination, 12/24V, IP68

**Art-Nr. 92764**



## Main Features

1/3" Sony 960H EX-view CCD (Effio-E DSP)  
True day&night mode with IR cut filter (ICR)  
Horizontal video resolution 650 TVL  
Integral varifocal lens F1,2/2,8-10mm  
2D-DNR powerful digital noise reduction  
Digital wide dynamic range (E-WDR)

Privacy masking/mirror/motion detection  
Easy installation (mounting aid), fixation via central screw  
Illumination range: approx. 50m (40 LEDs 850nm)  
Focus and zoom adjustable from the outside  
Supply Voltage 12VDC or 24VAC  
Bullet housing, wall or ceiling mount, hidden cable routing

## Specifications

System	day&night
Video standard	PAL
Sensor size	1/3"
Imager	CCD, 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, (BW) at F1.2 (measurement result)
Exposure modes	automatic, manual
Automatic electronic shutter (ESC)	1/50 - 1/10,000sec.
Low speed shutter	no

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(Continuation Specifications)

<b>Automatic gain control (AGC)</b>	ON/OFF switchable
<b>Digital Noise Reduction (DNR)</b>	yes, 2D NR
<b>White balance</b>	ATW, push, user defined, manual, push lock
<b>Backlight compensation</b>	BLC, HLC, ON/OFF switchable
<b>Wide Dynamic Range (WDR)</b>	yes, E-WDR (Adaptive Tone Reproduction)
<b>IR cut filter</b>	switchable
<b>Video outputs</b>	composite (CVBS)
<b>Lens type</b>	varifocal
<b>Focal length</b>	2,8 mm - 10 mm
<b>Aperture range (F)</b>	F1.2
<b>e-PTZ support</b>	no
<b>Digital zoom</b>	no
<b>Horizontal angle of view</b>	81,2° - 27°
<b>MOD (Minimum object distance)</b>	0,5 m
<b>Illumination</b>	infrared, 40x IR-LEDs 850nm
<b>Menu languages</b>	German, English, French, Spanish, Portugese, Russian, Japanese
<b>OSD function control</b>	OSD camera setup
<b>Text display</b>	title and camera ID
<b>Activity detection</b>	yes
<b>Motion detector</b>	4 zones, ON/OFF switchable
<b>Privacy zones masking</b>	8 zones masking
<b>Serial interfaces</b>	no
<b>External adjustments</b>	menu
<b>External connections</b>	voltage input, video (BNC)
<b>Mounting</b>	wall mount, ceiling mount
<b>Temperature range (operation)</b>	-20°C ~+50°C
<b>Housing material</b>	aluminium
<b>Housing</b>	outdoor, bullet
<b>Integrated wall mount</b>	yes
<b>Hidden cable management</b>	yes
<b>Sunshield</b>	yes
<b>Window heater</b>	no
<b>Colour (housing)</b>	Pantone 7541
<b>Vandalism resistant</b>	no
<b>Protection rating</b>	IP68
<b>Alarm inputs</b>	no
<b>Alarm outputs</b>	no
<b>Supply voltage</b>	12VDC, 24VAC, (+/-10%)
<b>Power consumption</b>	12watts @ 24VAC, 6W @ 12VDC

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(Continuation Specifications)

<b>Dimensions (HxWxD)</b>	100x107,8x277mm
<b>Weight</b>	1.3kg
<b>Special features</b>	dynamic (light) intensity control (DIC)
<b>Certificates</b>	CE

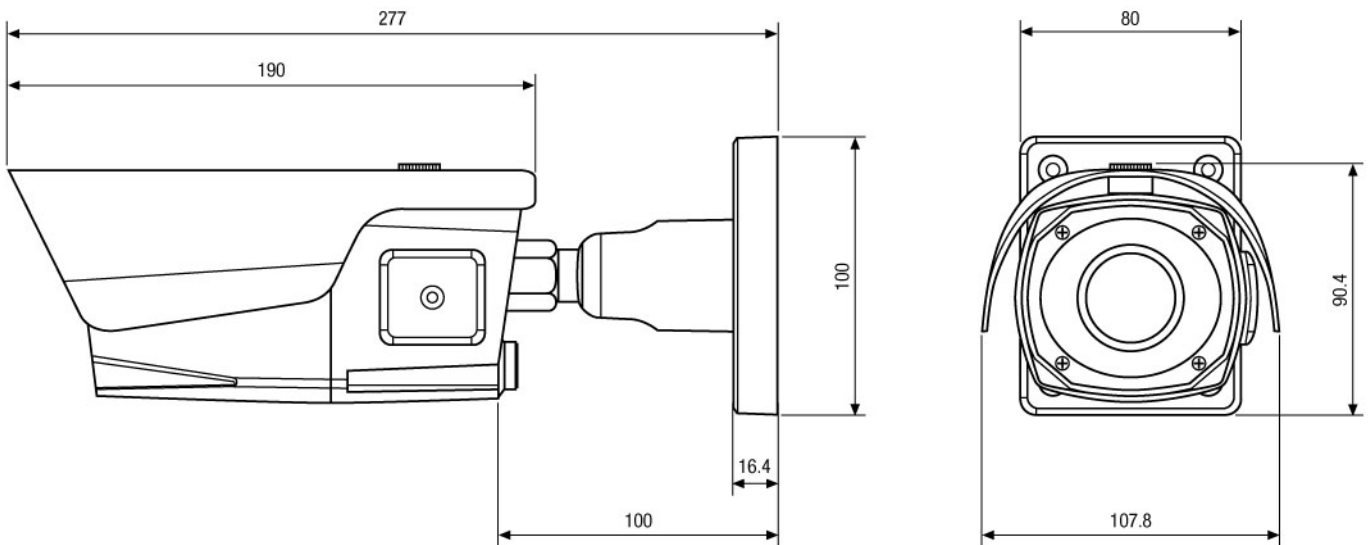
## Optional accessories

<b>70527</b>	<b>NE-132/AC24V</b>	Power Supply Unit 230VAC/24VAC (1.0A)
<b>73179</b>	<b>PM-42</b>	Pole Mount Adapter, for eneo Series Candid, W3, VKC-1378, -79, -82

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## Technical drawing



Maße/Dimensions: mm

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