



## TVB-2080V2812IR

Article number: 212114

1/2,8" HD-TVI Camera, Day&Night, 1920x1080, WDR  
2,8-12mm, Infrared, 12/24V

### Mainfeatures

1/2.8" 2.0 MP progressive scan CMOS sensor

HD-TVI video transmission via coax

Removable infrared cut filter

Integral motion detection

Easy installation, central locking screw

Combi connector

Resolution max. 1920x1080 (Full HD)

Variofocal 2.8~12mm day&night lens

WDR,2D-/3D-DNR noise reduction,Defog function

IP67, built heater

IR illumination switchable via OSD menu

### Specifications

Sensor size	1/2.8"
Imager	CMOS
Imager	Sony Exmor
System	True Day&Night
Sensitivity	0,09 Lux
Sensitivity	(colour), 0.009Lux (B&W) at F1,4, 30IRE DSS 2x
Low speed shutter	yes
Low speed shutter	2x ~ 32x
Manual electronic shutter (MES)	1/25~1/60000sec.
Wide Dynamic Range (WDR)	WDR 113dB, D-WDR
Flickerless function	ON/OFF switchable
Backlight compensation	BLC, HLC

# TVB-2080V2812IR

## Specifications continued

IR cut filter	switchable
Automatic electronic shutter (ESC)	1/25~1/60000sec.
Automatic gain control (AGC)	OFF / Low / High selectable
White balance	ATW, ATW extended, one push, manual
Signal-to-noise ratio	50dB
Signal format	HD-TVI, SDTV
Frame rate	1080 @ 25/30p, 720 @ 25/30p
Synchronization	internal
Lens type	varifocal
Focal length	2,8 - 12 mm
Digital zoom	1,1x ~ 8x
MOD (Minimum object distance)	0,5 m
Aperture range (F)	F1.4
Iris control	DC
Resolution	1920x1080 (16:9), 1280x720 (16:9)
Vertical angle of view	57 - 18 °
Horizontal angle of view	102 - 32 °
Motion detector	yes
Dynamic Light Intensity Control (DIC)	yes
e-PTZ support	no
OSD function control	OSD camera setup
Menu languages	English, German, French, Spanish, Italian, Polish, Turkish, Japanese
Privacy zones masking	ON/OFF switchable
Mirror function	V flip, H-flip, H/V flip
Digital Noise Reduction (DNR)	2D-DNR, 3D-DNR
Video outputs	HD-TVI / FBAS selectable, composite control out
External connections	Combi connector, HD-Signal BNC output
Alarm inputs	no
Alarm outputs	no
Serial interfaces	RS-485
Serial interfaces protocols	Pelco D, Pelco P, Pelco C / TVI (UTC)
Series	eneo Candid Medium
Dimensions (HxWxD)	100x107,8x277mm
Illumination	infrared
Illumination	40x IR-LEDs 850nm, 60°
Illumination range	approx. 60m
Colour (housing)	Pantone Cool Gray 1C
Colour (bubble)	clear
Housing	outdoor
Housing material	aluminium
Weight	1.35kg
Integrated wall mount	yes
Power consumption	7.0W
Blower	no

## TVB-2080V2812IR

### Specifications continued

Mounting	wall mount, ceiling mount
Window heater	yes
Protection rating	IP67
Hidden cable management	yes
Sunshield	yes
Supply voltage	(+/-20%)
Supply voltage	12VDC(11VDC-30VDC), 24VAC
Temperature range (operation)	-30°C ~ +50°C
Temperature range (heater deactivated)	-20°C ~ +50°C
Text display	camera title
Vandalism resistant	no
Vertical tilt range	65° (25° ~ 90°, ceiling as reference)
Parts supplied	manual, allen key, drilling template, screw set, Video sub-out cable

### Special features


- IR illumination ON / OFF switchable( OSD Menu)
- Smart Motion Zoom--Zoom on defined ROI on motion
- Pointing Zoom -- enables the flexible zooming at any area
- Exact focus setting aid
- Preset Zoom (4 adjustable positions)
- HD-TVI Video Transmission Distance over Coax up to 500 m (5C2V)

### More product information

The data for distance are guidelines that are achieved under optimal conditions. The distance may be affected by cable quality and environmental conditions.

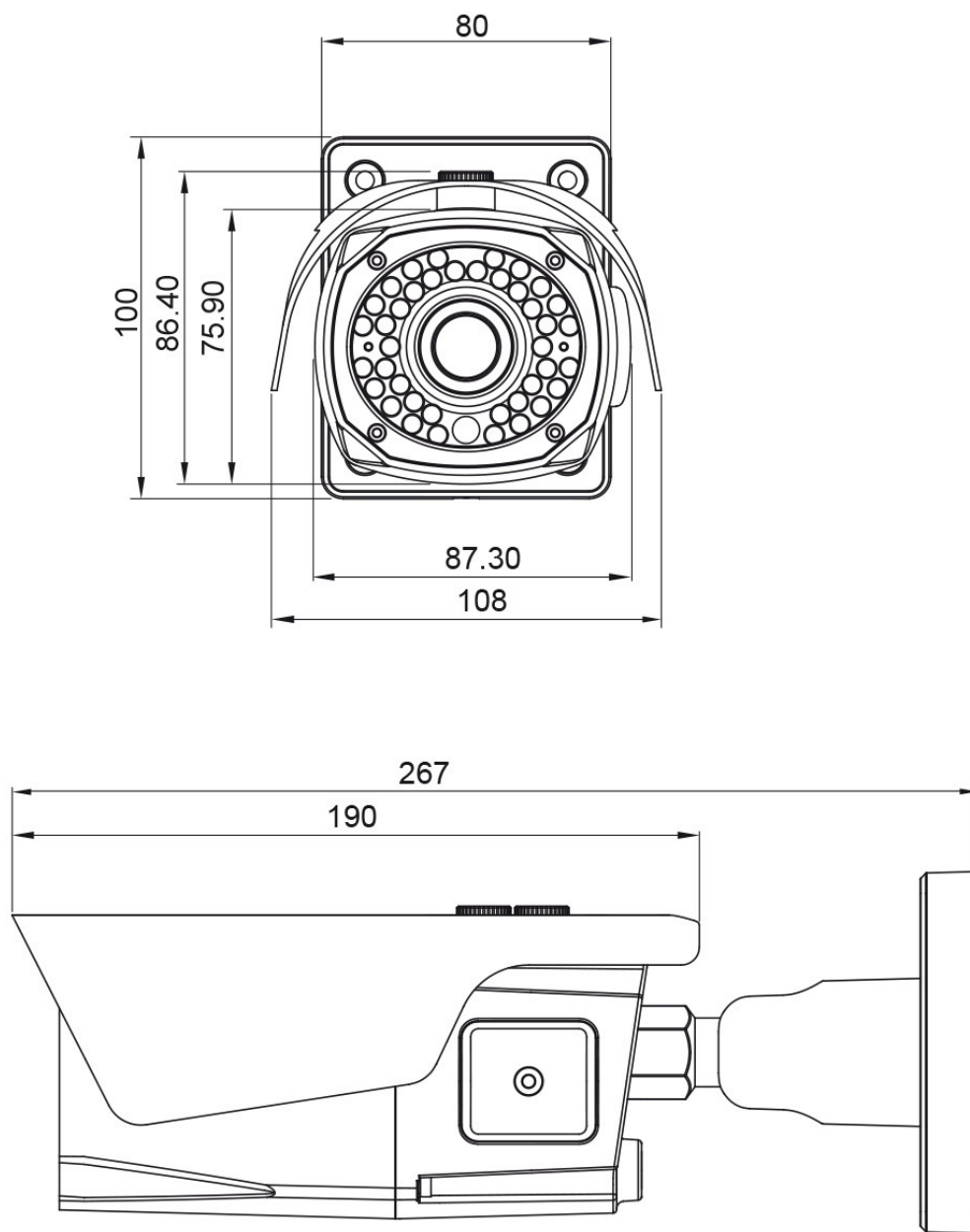
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## Available Accessories

Bild	Art. Nr. / Bezeichnung	Beschreibung
	202641 / PM-42A	Pole mount adaptor for eneo Candid, Candid S, Candid M, Candid L, W3, WB1, AK-5, AK-4
	202888 / AK-4	Camera junction box, for Candid Small ,Candid Medium, Candid Large Series
	203658 / VT-PS12DC-11	Plug-in Power Supply Unit, 100-240VAC/12VDC (1.0A), Regulated, with DC Plug
	70527 / NE-132/AC24V	Power Supply Unit 230VAC/24VAC (1.0A)
	212984 / TVA-1201TRA	HD-TVI Transmitter/Receiver, UTP, BNC, 250m, Indoor, Active, 12V
	212985 / TVA-1201TRP	HD-TVI Transmitter/Receiver, 150m, BNC, UTP, Indoor, Passive
	212986 / TVA-1341EC	HD-TVI Converter to HDMI, VGA, FBAS, Indoor
	212987 / TVA-1101EA	HD-TVI Signal Amplifier, 12VDC, Indoor

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## Technical Drawing



Dimensions: mm

## Your Contact Person



eneo is a registered trademark of  
VIDEOR E. Hartig GmbH  
Carl-Zeiss-Straße 8  
63322 Rödermark  
Deutschland  
Tel.: +49 6074-888-333  
E-Mail: [info@eneo-security.com](mailto:info@eneo-security.com)  
Web: [www.eneo-security.com](http://www.eneo-security.com)