

# VKC-1378/IR-316

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VKC-1378/IR-316  
1/3" Camera, Day&Night, 3.5-16mm, 560TVL,  
IR Illumination, 12/24V, IP68

**Art-Nr. 92578**



## Main Features

1/3" Sony Super HAD II CCD	Privacy masking/Mirror function/Motion detection
Removal IR cut filter (ICR)	High and low speed shutter control (MES/ESC/DSS)
Sensitivity of 0.25 Lux at F1.2 (colour)	80m night observation distance (70 pcs. IR LED's)
Integral varifocal lens F1.2/3.5-16mm	Externally adjustable focus & zoom
Powerful digital noise reduction (3D-DNR)	Supply voltage: 12VDC or 24VAC
Digital wide dynamic range (D-WDR)	Bullet housing, wall mount, hidden cable routing

## Specifications

System	day&night
Video standard	CCIR/PAL
Sensor size	1/3"
Imager	CCD, Sony Super HAD II Interline Transfer
Active picture elements	440,000, (H) 752 x (V) 582
Synchronization	internal
Signal-to-noise ratio	50dB (AGC OFF)
Gamma correction	0.5 ~1.0
Horizontal resolution	560 TVL, (colour), 600 TVL (B&W)
Sensitivity (at 50% video signal)	0,2 Lux, (colour), 0.1Lux (B&W) at F1.2 (measured)
Automatic electronic shutter (ESC)	1/50 ~1/100,000sec.
Manual electronic shutter (MES)	1/50 ~1/100,000sec.
Low speed shutter	yes, automatic, 2 ~256 Fps.

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(Continuation Specifications)

<b>Automatic gain control (AGC)</b>	OFF/LOW/MID/HIGH selectable
<b>Digital Noise Reduction (DNR)</b>	yes, 3D
<b>Flickerless function</b>	yes
<b>Mirror function</b>	horizontal, vertical, 180° rotation
<b>White balance</b>	Automatic (2000K - 8000K)
<b>Backlight compensation</b>	BLC, HS BLC (eclipser), ON/OFF switchable
<b>Wide Dynamic Range (WDR)</b>	yes, D-WDR (Digital Wide Dynamic Range)
<b>Brightness</b>	adjustment range: 0 ~100
<b>Sharpness correction</b>	adjustment range: 0 ~31
<b>IR cut filter</b>	switchable
<b>Video outputs</b>	composite (CVBS)
<b>Lens type</b>	varifocal
<b>Lens</b>	F1.2/3.5 ~16mm
<b>Focal length</b>	3,5 mm - 16 mm
<b>PTZ support</b>	no
<b>Digital zoom</b>	2x ~32x
<b>Horizontal angle of view</b>	70° - 17,5°
<b>Iris control</b>	DC
<b>Focus control</b>	Easy Focus
<b>MOD (Minimum object distance)</b>	0,5 m
<b>Filter screw size</b>	not available
<b>Illumination</b>	infrared, 70x LED's 850nm. Due to an integrated light sensor the LED illumination will be switched ON/OFF, depending on environmental illumination conditions
<b>Illumination range</b>	approx. 80m (at a good light reflexion and 40% Videosignal)
<b>Menu languages</b>	English, Korean, Japanese, Chinese
<b>OSD function control</b>	H/V flip (Mirror picture), Sharpness & Brightness correction, Exposure, AGC, MES, AWB, BLC, Motion detection, Privacy zones masking, Day&Night (automatic / manual), Text
<b>Text display</b>	15 character label, ON/OFF switchable
<b>Activity detection</b>	yes
<b>Motion detector</b>	4 zones, ON/OFF switchable
<b>Privacy zones masking</b>	8 zones masking, ON/OFF switchable
<b>Serial interfaces</b>	no
<b>External adjustments</b>	zoom and focus, Menu
<b>External connections</b>	Video (BNC), Voltage input, Sub video output
<b>Mounting</b>	wall mount
<b>Temperature range (operation)</b>	-20°C ~+50°C
<b>Housing material</b>	aluminium
<b>Housing</b>	outdoor, bullet

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(Continuation Spezifications)

Integrated wall mount	yes
Hidden cable management	yes
Sunshield	yes
Window heater	no
Clear Shield	no
Colour (housing)	Pantone 7541
Vandalism resistant	no
Protection rating	IP68
Alarm inputs	-
Alarm outputs	-
Supply voltage	12VDC, 24VAC, (+/-10%)
Power consumption	12W max.
Dimensions (HxWxD)	see drawing
Weight	2.0kg
Parts supplied	camera, sunshield, wall bracket, manual, bag of screws, test monitor cable
Certificates	CE

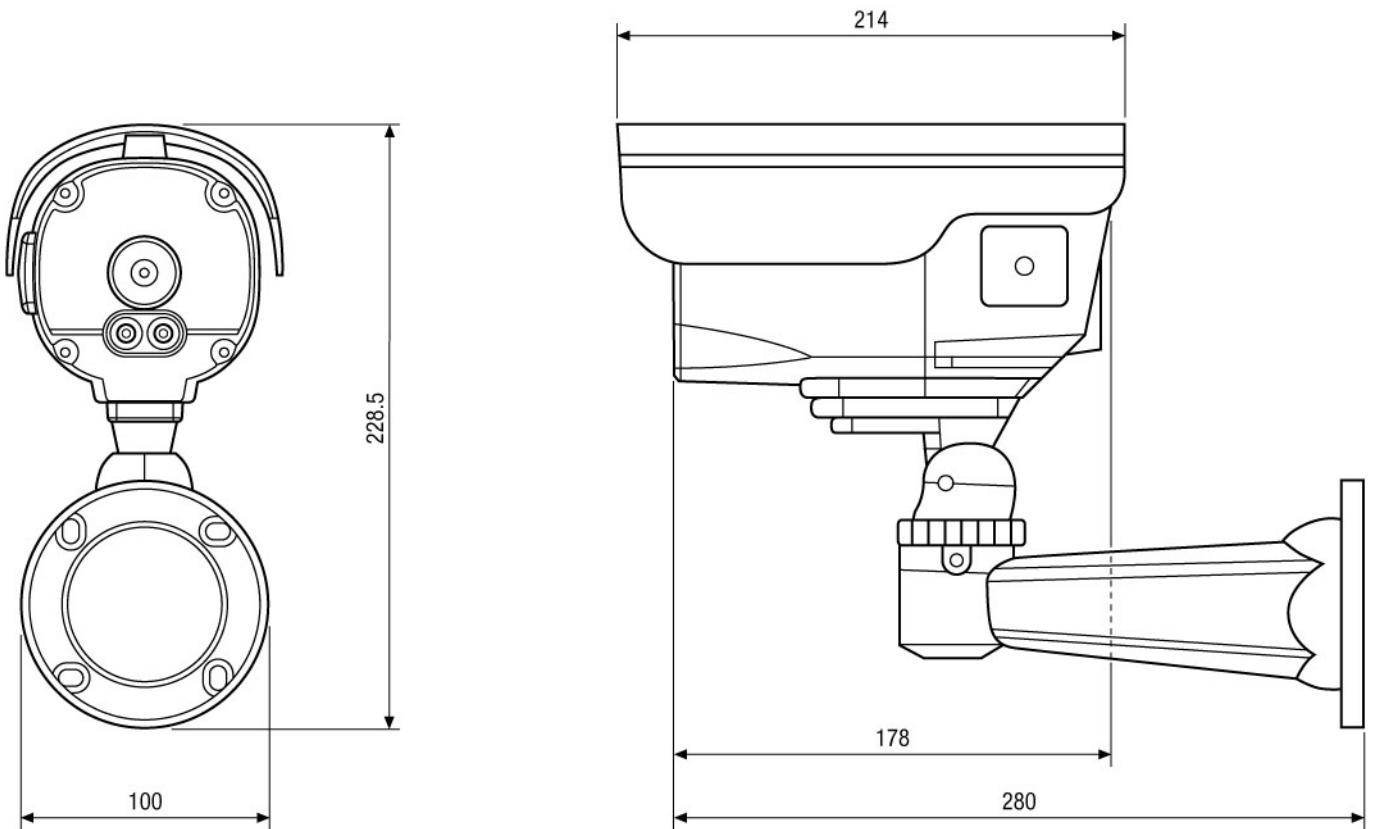
## Optional accessories

70527	NE-132/AC24V	Power Supply Unit 230VAC/24VAC (1.0A)
73179	PM-42	Pole Mount Adapter, for Housing Series Candid, W3 Plug&Play
70543	VT-PS12DC-10	Plugable AC/DC Adapter 100-240V/12VDC- 2.5A, stab., Cont. & UK Mains plug-ins

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## Technical drawing



Maße/Dimensions: mm