

Code: GEMINI-AHBD-27W

# AHD, PAL VANDALPROOF CAMERA **GEMINI-AHBD-27W** - 1080p 3.6 mm

Net: **55.50 EUR** Gross: **55.50 EUR**

Megapixel camera with 1/2.8" Sony CMOS sensor and AHD (Analog High Definition) / PAL.

The AHD interface allows to transmission of analog video signal via coaxial cable in 1080p resolution. It enables the transmission of HD resolution images for even 500 m distance with keeping the low costs of the installation. During transmission there are no delays and is maintained the original, high quality image.

Additionally camera has a possibility to select output signal standard between AHD and PAL. The change of the AHD / PAL standard is done with joystick by holding it tilted to the right or to the left for approx. 3 seconds, without going into the OSD.



## SPECIFICATION

Standard:	AHD / PAL
Sensor:	1/2.8 " Sony CMOS IMX222
Digital Image Processor:	Nextchip NVP2441H
Matrix size:	2 Mpx
Resolution:	1920 x 1080 - 1080p AHD-H , 960 x 576 - 960H PAL
Video output:	1 Vpp 75 Ω, AHD / PAL - selectable by switch
Lens:	3.6 mm, 2 Mpx
View angle:	<ul style="list-style-type: none"><li>• 72 ° (manufacturer data)</li><li>• 79 ° (our tests result)</li></ul>
S/N ratio:	> 50 dB
IR illuminator power adjustment:	Automatic
Range of IR illumination:	15 m
OSD menu:	✓

Main features:	<ul style="list-style-type: none"> <li>• ICR - Movable InfraRed filter</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li> <li>• Sense-UP - (Slow Shutter) - Increase the sensor sensitivity max. x 30</li> <li>• D-WDR - Wide Dynamic Range</li> <li>• 2D-DNR / 3D-DNR - Digital Noise Reduction</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• Motion Detection - max. 4 zones</li> <li>• Privacy zones - max. 4</li> <li>• BLC - configurable Back Light Compensation</li> <li>• HSBLC - High Light Compensation (spot)</li> <li>• Mirror - Mirror image</li> <li>• image "freeze"</li> <li>• Sharpness - sharper image outlines</li> <li>• Monitor type correction - LCD/CRT</li> </ul>
Vandal-proof:	✓
Power supply:	12 V DC / 260 mA
Housing:	Dome - Metal
Color:	White
"Index of Protection":	IP66
Operation temp:	-20 °C ... 55 °C
Weight:	0.258 kg
Dimensions:	Ø 93 x 63 mm
Supported languages:	English, Chinese Traditional, Chinese Simplified, French, Spanish, Dutch, German, Polish, Portuguese, Russian, Turkish, Italian
Manufacturer / Brand:	GEMINI
Guarantee:	2 years

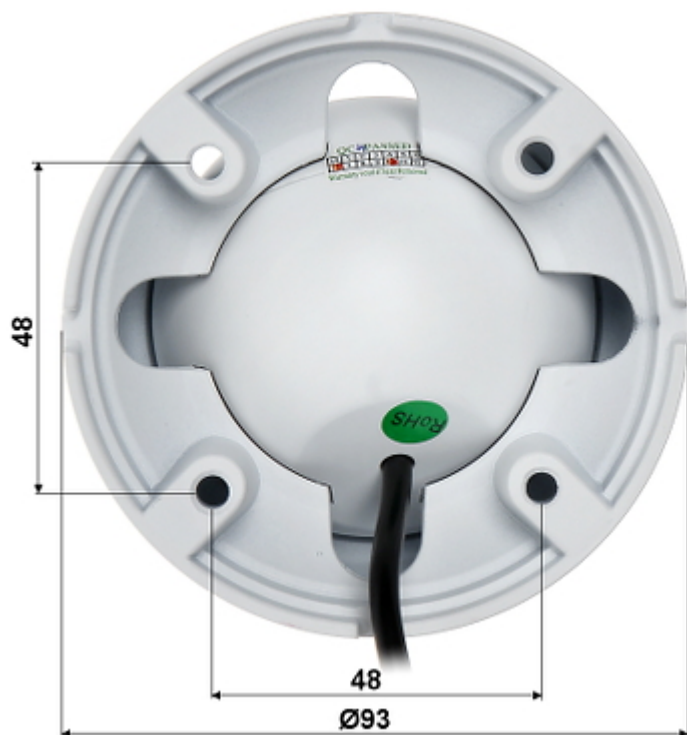
## PRESENTATION

Camera is out from clamping ring (the OSD menu controller visible):

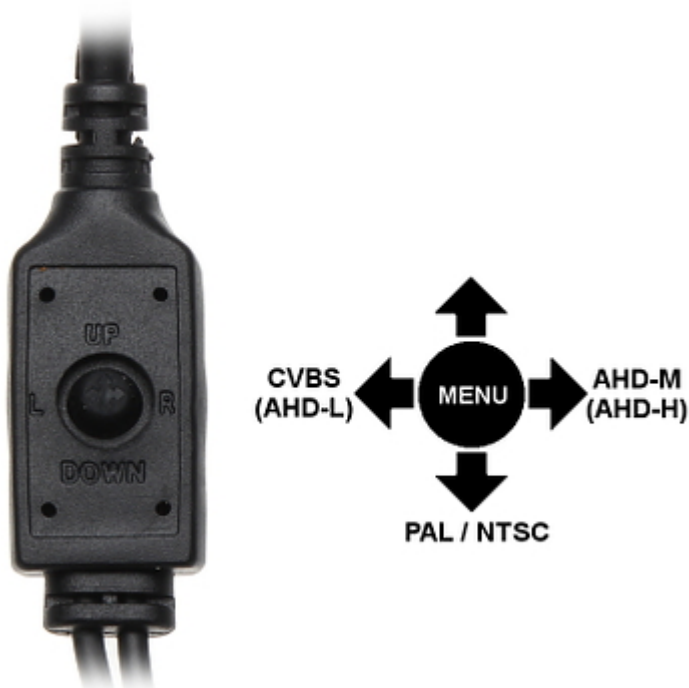


Mounting side view:





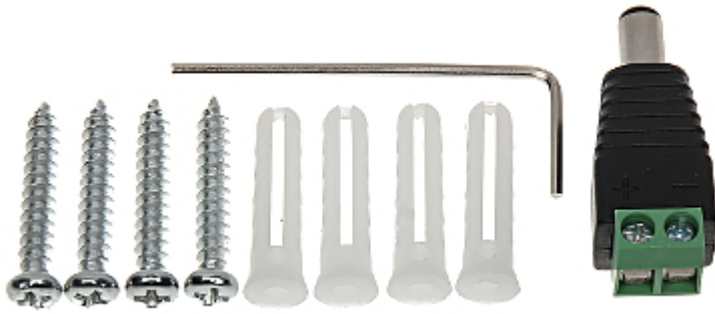
The appropriate signal format selection is done by tilting and holding the joystick for 5 s without entering to the OSD menu. Changing the signal to the NTSC in the camera causes loss of image in connected AHD recorder:



#### Configuration

- 1) Turn on the power
  - 2) Move the joystick left or right, setting the appropriate resolution
  - 3) Move the joystick down by 5 s, setting the PAL / NTSC
- The PAL and NTSC standard is set regardless of the resolution.

In the kit:



## OUR TESTS

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



## PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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