

Code: AHD-24V3-2812

# AHD, PAL VANDALPROOF CAMERA **AHD-24V3-2812** - 1080p 2.8 ... 12 mm

Net: **55.56 EUR** Gross: **55.56 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. 5 seconds, without going into the OSD.



## SPECIFICATION

Standard:	AHD / PAL
Sensor:	1/2.8 " Sony CMOS IMX322
Digital Image Processor:	Nextchip NVP2441H
Matrix size:	2.4 Mpx
Resolution:	1920 x 1080 - 1080p AHD-H , 960 x 576 - 960H PAL
Range of IR illumination:	30 m
IR illuminator power adjustment:	Automatic
Lens:	2.8 ... 12 mm, 2 Mpx
View angle:	• 85 ° ... 24 ° (manufacturer data) • 94 ° ... 34 ° (our tests result)
S/N ratio:	> 50 dB
Video output:	1 Vpp 75 Ω, AHD / PAL - selectable by switch
Main features:	<ul style="list-style-type: none"><li>• ICR - Movable InfraRed filter</li><li>• Sense-UP - (Slow Shutter) - Increase the sensor sensitivity max. x 30</li><li>• D-WDR - Wide Dynamic Range</li><li>• 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>
OSD menu:	✓
Vandal-proof:	✓

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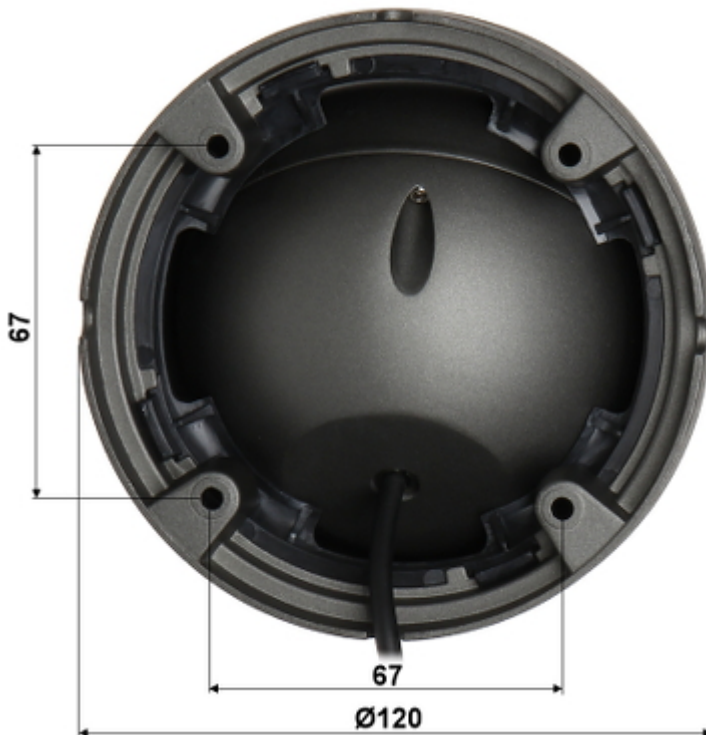
"Index of Protection":	IP66
Power supply:	12 V DC / 410 mA
Housing:	Dome - Metal
Color:	Graphite
Operation temp:	-20 °C ... 50 °C
Weight:	0.63 kg
Dimensions:	Ø 120 x 83 mm
Supported languages:	English, Chinese, French, Spanish, Dutch, German, Polish, Portuguese, Russian, Turkish, Italian
Guarantee:	2 years

## PRESENTATION

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

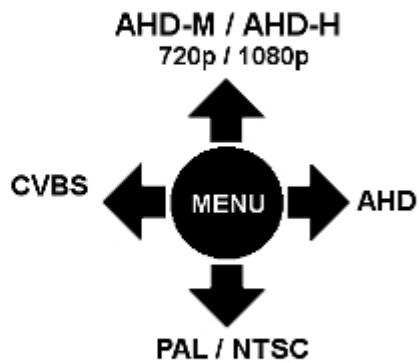


Mounting side view:



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) Each time you move the joystick up you change the resolution AHD-M / AHD-H
  - 4) 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:



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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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