

Code: AHD-LV3-2812W

AHD, PAL VANDALPROOF CAMERA **AHD-LV3-2812W** - 720p 2.8 ... 12 mm

Net: **19.08 EUR** Gross: **19.08 EUR**

Megapixel camera with 1/4" OmniVision OV9712 CMOS sensor and AHD (Analog High Definition) / PAL.

The AHD interface allows to transmission of analog video signal via coaxial cable in 720p 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:	1/4 " OmniVision OV9712S CMOS
Digital Image Processor:	Nextchip NVP2431H
Matrix size:	1.0 Mpx
Resolution:	1280 x 720 - 720p AHD-M , 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:	• 65 ° ... 17 ° (manufacturer data) • 70 ° ... 25 ° (our tests result)
S/N ratio:	> 50 dB
Video output:	1 Vpp 75 Ω, AHD / PAL - selectable by switch

Main features:	• ICR - Movable InfraRed filter • Sense-UP - (Slow Shutter) - Increase the sensor sensitivity max. x 30 • D-WDR - Wide Dynamic Range • DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • Motion Detection - max. 4 zones • Privacy zones - max. 4 • BLC - configurable Back Light Compensation • HSBLC - High Light Compensation (spot) • Mirror - Mirror image • image "freeze" • Sharpness - sharper image outlines • Monitor type correction - LCD/CRT
OSD menu:	✓
Vandal-proof:	✓
"Index of Protection":	IP66
Power supply:	12 V DC / 390 mA
Housing:	Dome - Metal
Color:	White
Operation temp:	-20 °C ... 50 °C
Weight:	0.605 kg
Dimensions:	Ø 120 x 83 mm
Supported languages:	English, Chinese, French, Spanish, Dutch, German, Polish, Portuguese, Russian, Turkish, Italian
Guarantee:	2 years

PRESENTATION

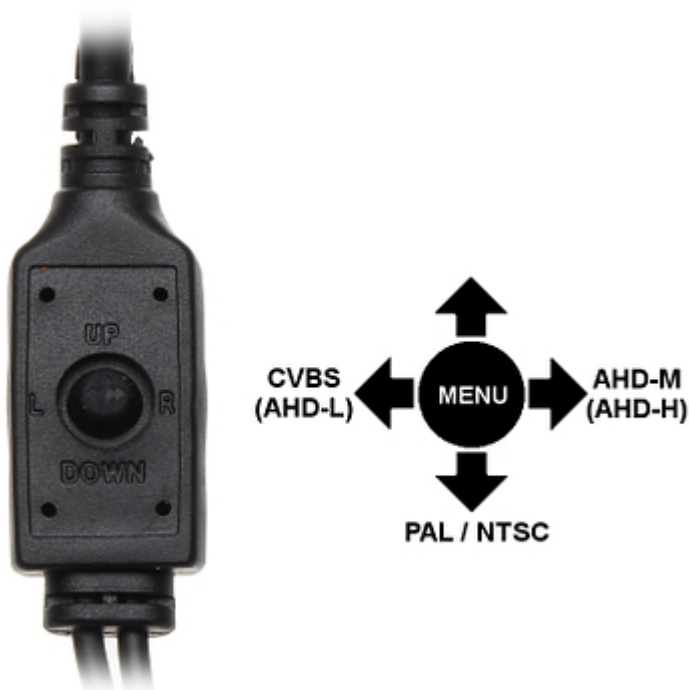
Camera is out from clamping ring (the OSD menu controller visible):



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:

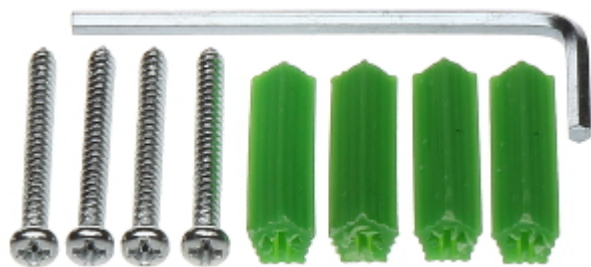


Configuration

- 1) Turn on the power
- 2) Move the joystick left or right, setting the appropriate resolution
- 3) Move the joystick down by 5 s, setting the PAL / NTSC

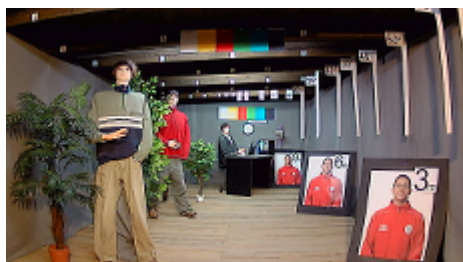
The PAL and NTSC standard is set regardless of the resolution.

In the kit:



OUR TESTS

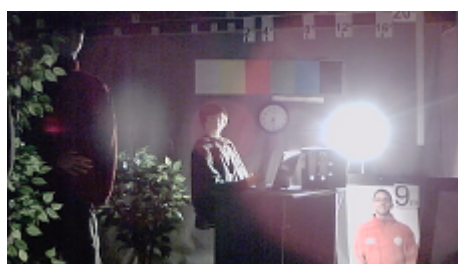
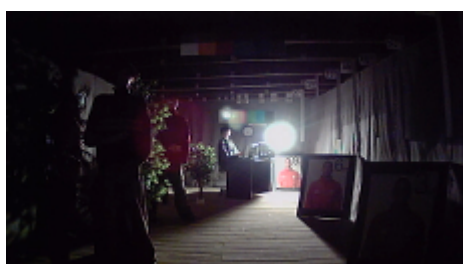
Camera image at artificial illumination (about 30Lux):



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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