

Code: EV1A-2812/3W

## CAMERA **EV1A-2812/3W** STANDARD: AHD, PAL, - 720p 2.8 ... 12 mm

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.



Standard:	AHD / PAL
Sensor:	1/4 " OmniVision OV9712 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:	<ul style="list-style-type: none"> <li>• 66 ° ... 17 ° (manufacturer data)</li> <li>• 61 ° ... 30 ° (our tests result)</li> </ul>
S/N ratio:	> 58 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>• HSBL - 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>





# DATA SHEET

OSD menu:	✓
"Index of Protection":	IP66
Power supply:	12 V DC / 300 mA
Housing:	Metal
Color:	White
Operation temp:	-20 °C ... 60 °C
Weight:	0.580 kg
Dimensions:	295 x 87 x 120 mm
Supported languages:	English, Chinese, French, Spanish, Dutch, German, Polish, Portuguese, Russian, Turkish, Italian
Guarantee:	2 years

