

Code: AHD-24V3-2812-Z

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

Megapixel camera with 1/2.9" Sony CMOS sensor and AHD (Analog High Definition) / PAL.

The AHD interface allows to transmission of analog video signal in 1080p resolution with the control signal (for cameras with motozoom lens) via single coaxial cable. 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.

The used motozoom lens with 2.8 ... 12 mm focal length allows to remote view angle adjustment.



Standard:	AHD / PAL
Sensor:	1/2.9 " 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 - Motozoom
View angle:	<ul style="list-style-type: none"> <li>• 86 ° ... 25 ° (manufacturer data)</li> <li>• 100 ° ... 34 ° (our tests result)</li> </ul>
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>• Motozoom lens</li> <li>• RS-485 interface - Pelco-D</li> <li>• The ability to control via coaxial cable from recorder</li> <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:	✓
"Index of Protection":	IP67
Power supply:	12 V DC / 700 mA
Power consumption:	max. 8.5 W
Housing:	Dome - Metal
Color:	Graphite
Operation temp:	-20 °C ... 50 °C
Weight:	0.58 kg
Dimensions:	Ø 120 x 83 mm
Supported languages:	English, Chinese, French, Spanish, Dutch, German, Polish, Portuguese, Russian, Turkish, Italian
Manufacturer / Brand:	APTI
Guarantee:	2 years

