

Code: APTI-H24V31-2812W-Z

## AHD, HD-CVI, HD-TVI, PAL CAMERA **APTI-H24V31-2812W-Z** - 1080p 2.8 ... 12 mm - MOTOZOOM

Megapixel camera with 1/2.8" Sony STARVIS™ CMOS sensor and AHD / HD-CVI / HD-TVI / CVBS. Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.

The AHD / HD-CVI / HD-TVI 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.

In the case of video transmission using a twisted pair cable and matching transformers (balun), be aware of the possibility of signal reflections and interfering signals.

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

Setting the camera in PAL mode allows to obtain an image in 960H resolution. 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/HD-CVI/HD-TVI recorder.

**Attention!** After connecting the power supply, you can change the standard with a joystick only once. To re-change the standard with the joystick, reconnect the power to the camera. After changing the standard, the joystick controls the camera lens (up, down). Controlling the lens over coaxial cable works only in AHD / TVI mode.



Standard:	AHD, HD-CVI, HD-TVI, PAL
Sensor:	1/2.8 " SONY Starvis™ Back-illuminated CMOS - Progressive Scan
Matrix size:	2 Mpx
Resolution:	1920 x 1080 - 1080p, AHD, HD-CVI, HD-TVI , 960 x 576 - 960H, PAL
Range of IR illumination:	30 m
IR illuminator power adjustment:	Automatic
Lens:	2.8 ... 12 mm - Motozoom
View angle:	86 ° ... 32 °
S/N ratio:	> 48 dB
Video output:	1 Vpp 75 Ω, AHD / HD-CVI / HD-TVI / PAL - selectable by switch

Main features:	<ul style="list-style-type: none"> <li>• Motozoom lens - The ability to control via coaxial cable from recorder - AHD / HD-TVI only</li> <li>• WDR - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• Day/night mode</li> <li>• ICR - Movable InfraRed filter</li> <li>• Auto White Balance</li> <li>• AGC - Automatic Gain Control</li> <li>• AutoFocus</li> <li>• AES - Auto Electronic Shutter</li> </ul>
OSD menu:	✓
Vandal-proof:	—
"Index of Protection":	IP67
Power supply:	12 V DC / 750 mA
Power consumption:	9 W
Housing:	Dome - Metal
Color:	White
Operation temp:	-10 °C ... 60 °C
Weight:	0.54 kg
Dimensions:	Ø 120 x 100 mm
Supported languages:	English
Manufacturer / Brand:	APTI
Guarantee:	2 years