

# AHD, HD-CVI, HD-TVI, PAL VANDALPROOF CAMERA APTI-H24V3-2714W-Z

## - 1080p 2.7 ... 13.5 mm - MOTOZOOM

Net: **65.09 USD** Gross: **80.06 USD**

Megapixel camera with 1/2.9" Sony CMOS sensor and AHD / HD-CVI / HD-TVI / PAL.

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 2.7 ... 13.5 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.



### SPECIFICATION

Standard:	AHD, HD-CVI, HD-TVI, PAL
Sensor:	1/2.9 " Sony CMOS IMX322
Digital Image Processor:	HTC1088
Matrix size:	2.4 Mpx
Resolution:	1920 x 1080 - 1080p, AHD-H, HD-CVI, HD-TVI , 960 x 576 - 960H, PAL
Range of IR illumination:	30 m
IR illuminator power adjustment:	Automatic
Lens:	2.7 ... 13.5 mm - <b>Motozoom</b>
View angle:	<ul style="list-style-type: none"> <li>• 83 ° ... 20 ° (manufacturer data)</li> <li>• 93 ° ... 31 ° (our tests result)</li> </ul>
S/N ratio:	> 50 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>• Sense-UP - increase the camera sensitivity x30</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• ICR - Movable InfraRed filter</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Mirror - Mirror image</li> <li>• Auto White Balance</li> <li>• Configurable Privacy Zones</li> <li>• Motion Detection - max. 4 configurable zones</li> <li>• Sharpness - sharper image outlines</li> </ul>
OSD menu:	✓
Vandal-proof:	✓
"Index of Protection":	IP66
Power supply:	12 V DC / 390 mA
Power consumption:	4.7 W
Housing:	Dome - Metal
Color:	White
Operation temp:	-20 °C ... 50 °C
Weight:	0.610 kg
Dimensions:	Ø 120 x 83 mm
Supported languages:	English, Chinese, Japanese, Korean
Manufacturer / Brand:	APTI
Guarantee:	2 years

## PRESENTATION

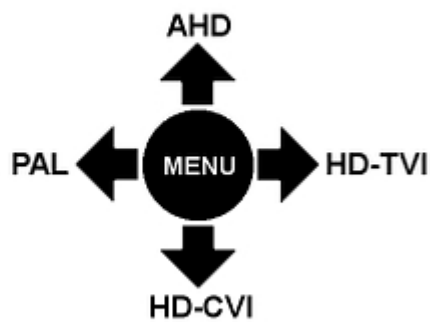
Camera is out from clamping ring (the OSD menu controller visible):



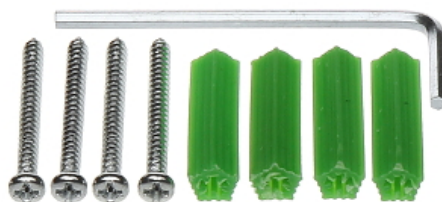
Mounting side view:



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/HD-CVI/HD-TVI recorder:



In the kit:



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## OUR TESTS

AHD:

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:



HD-CVI:

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:



HD-TVI:

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:



## OUR OPINIONS



- Motozoom lens.