

Code: APTI-H24C9-2812W

# AHD, HD-CVI, HD-TVI, PAL CAMERA **APTI-H24C9-2812W** - 1080p 2.8 ... 12 mm

Net: **55.37 EUR** Gross: **55.37 EUR**

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.

The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

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 recorder.



## SPECIFICATION

Standard:	AHD, HD-CVI, HD-TVI, PAL
Sensor:	1/2.9 " Sony CMOS IMX323
Digital Image Processor:	HTC1088
Matrix size:	2.1 Mpx
Resolution:	1920 x 1080 - 1080p, AHD-H, HD-CVI, HD-TVI , 960 x 576 - 960H, PAL
Range of IR illumination:	90 m (manufacturer data) 60 m (our tests result)
IR illuminator power adjustment:	Automatic
Lens:	2.8 ... 12 mm, 2 Mpx
View angle:	• 83 ° ... 23 ° (manufacturer data) • 85 ° ... 35 ° (our tests result)
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>• Sense-UP - (Slow Shutter) - Increase the sensor sensitivity max. x 32</li><li>• D-WDR - Wide Dynamic Range</li><li>• 2-DNR, 3-DNR - Digital Noise Reduction</li><li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li><li>• AGC - Automatic Gain Control</li><li>• White Balance - ATW/Manual</li><li>• ICR - Movable InfraRed filter</li><li>• Motion Detection - max. 4 zones</li><li>• Privacy zones - max. 4</li><li>• BLC - configurable Back Light Compensation</li><li>• HLC - High Light Compensation (spot)</li><li>• Mirror - Mirror image</li><li>• Sharpness - sharper image outlines</li></ul>



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OSD menu:	✓
"Index of Protection":	IP66
Power supply:	12 V DC / 570 mA
Power consumption:	≤ 7 W
Housing:	Compact - Metal
Color:	White
Operation temp:	-20 °C ... 50 °C
Weight:	1.254 kg
Dimensions:	300 x 101 x 91 mm
Supported languages:	English, Chinese, Japanese, Korean
Manufacturer / Brand:	APTI
Guarantee:	2 years

## PRESENTATION

Front view:



Side view:

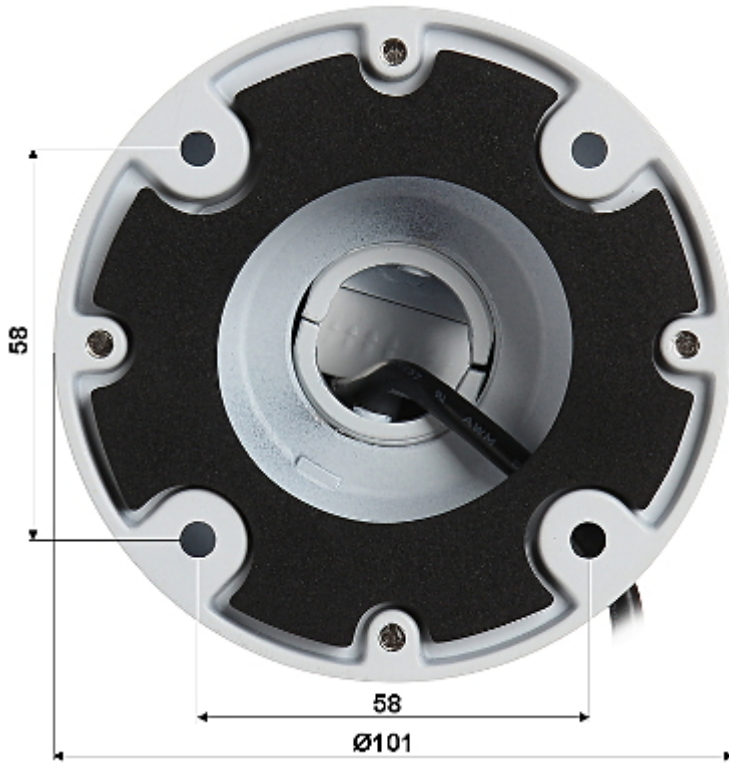


Bottom view:

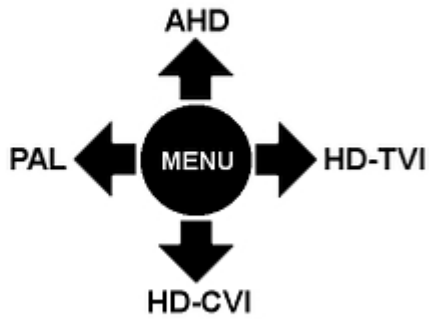




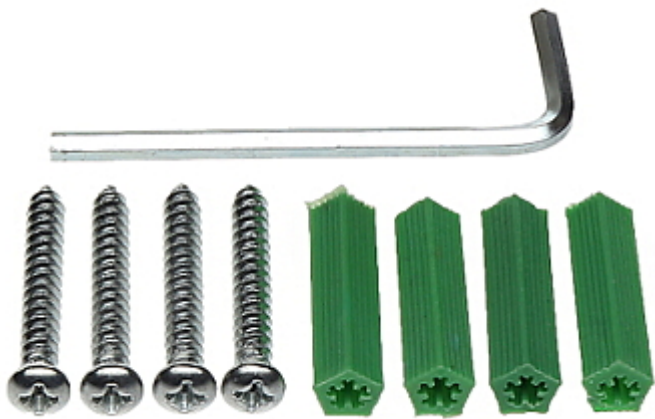
Mounting side view:



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:



In the kit:



## OUR TESTS

AHD:

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



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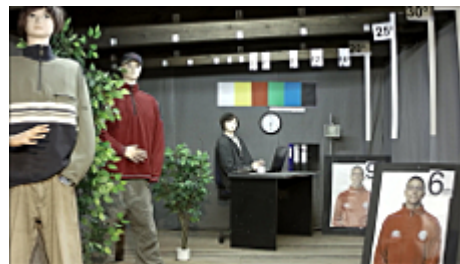


Camera image at direct strong light opposite to camera:



HD-CVI:

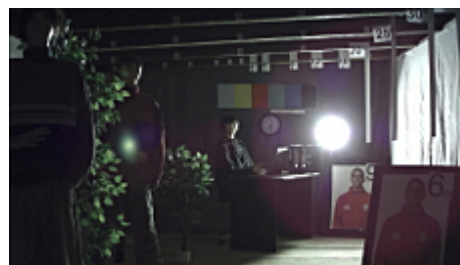
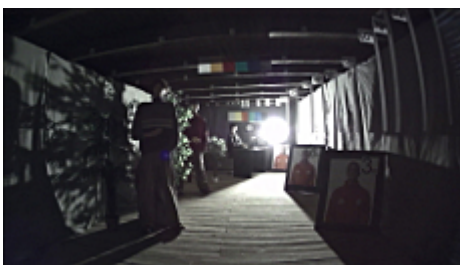
Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:

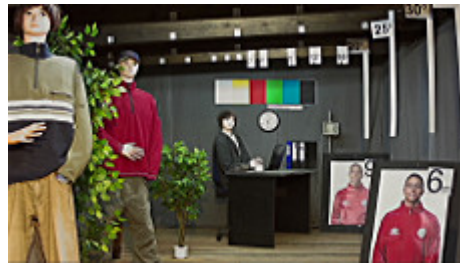


Camera image at direct strong light opposite to camera:



HD-TVI:

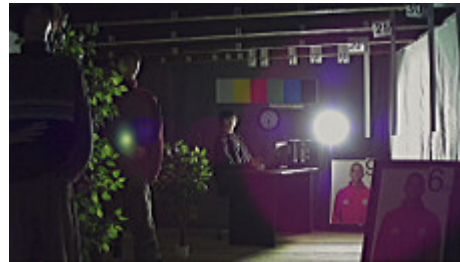
Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



## PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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