

Code: APTI-H24C9-2812

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

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.



|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| 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 ,<br>960 x 576 - 960H, PAL     |
| Range of IR illumination:        | 90 m (manufacturer data)<br>60 m (our tests result)                       |
| IR illuminator power adjustment: | Automatic                                                                 |
| Lens:                            | 2.8 ... 12 mm, 2 Mpx                                                      |
| View angle:                      | • 83 ° ... 23 ° (manufacturer data)<br>• 95 ° ... 35 ° (our tests result) |
| S/N ratio:                       | > 50 dB                                                                   |
| Video output:                    | 1 Vpp 75 Ω, AHD / HD-CVI / HD-TVI / PAL - selectable by switch            |

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| Main features:         | <ul style="list-style-type: none"> <li>• Sense-UP - (Slow Shutter) - Increase the sensor sensitivity max. x 30</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>• ICR - Movable InfraRed filter</li> <li>• AGC - Automatic Gain Control</li> <li>• White Balance - ATW/Manual</li> <li>• Privacy zones - max. 4</li> <li>• Motion Detection - max. 4 zones</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> <li>• Monitor type correction - LCD/CRT</li> </ul> |
| OSD menu:              | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| "Index of Protection": | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Power supply:          | 12 V DC / 570 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Power consumption:     | ≤ 7 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Housing:               | Compact - Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Color:                 | Graphite                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Operation temp:        | -20 °C ... 50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Weight:                | 0.72 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Dimensions:            | 309 x 112 x 100 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Supported languages:   | English, Chinese, Japanese, Korean                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Manufacturer / Brand:  | APTI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Guarantee:             | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |