

Code: APTI-AT33V3-2812W

## AHD, HD-TVI VANDALPROOF CAMERA **APTI-AT33V3-2812W** - 3.0 Mpx 2.8 ... 12 mm

Megapixel camera with 1/3" CMOS sensor and AHD / HD-TVI.

The AHD / HD-TVI interface allows to transmission of analog video signal via coaxial cable in 3.0 Mpx 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).

**Attention!** in HD-TVI mode, the camera does not work with the HYBRO-H recorders supporting the 3 Mpx resolution.



|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Standard:                        | AHD, HD-TVI                                                                                                                       |
| Sensor:                          | 1/3 " Aptina AR0330 CMOS                                                                                                          |
| Digital Image Processor:         | Nextchip NVP2470H                                                                                                                 |
| Matrix size:                     | 3.0 Mpx                                                                                                                           |
| Resolution:                      | 2048 x 1536 - 3.0 Mpx                                                                                                             |
| Range of IR illumination:        | 30 m                                                                                                                              |
| IR illuminator power adjustment: | Automatic                                                                                                                         |
| Lens:                            | 2.8 ... 12 mm, 3 Mpx                                                                                                              |
| View angle:                      | <ul style="list-style-type: none"> <li>• 89 ° ... 27 ° (manufacturer data)</li> <li>• 71 ° ... 26 ° (our tests result)</li> </ul> |
| S/N ratio:                       | > 50 dB                                                                                                                           |
| Video output:                    | 1 Vpp 75 Ω, AHD / HD-TVI - selectable by switch                                                                                   |

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|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main features:         | <ul style="list-style-type: none"> <li>• ICR - Movable InfraRed filter</li> <li>• D-WDR - Wide Dynamic Range</li> <li>• DNR - Digital Noise Reduction</li> <li>• AGC - Automatic Gain Control</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Mirror - Mirror image</li> <li>• Sharpness - sharper image outlines</li> <li>• Auto White Balance</li> <li>• NRT - adjusting the number of fps for a given resolution : NRT ON: 18 fps, NRT OFF: 25 fps</li> </ul> |
| OSD menu:              | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Power supply:          | 12 V DC / 440 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Power consumption:     | ≤ 5.3 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Housing:               | Dome - Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Color:                 | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Vandal-proof:          | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| "Index of Protection": | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Operation temp:        | -10 °C ... 50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Weight:                | 0.58 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Dimensions:            | Ø 120 x 83 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Supported languages:   | English, Chinese, French, Spanish, Italian                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Manufacturer / Brand:  | APTI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Guarantee:             | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |