

Code: AHD-14D2-2812

## AHD, PAL CAMERA **AHD-14D2-2812** - 720p 2.8 ... 12 mm

Megapixel camera with 1/3" Sony CMOS sensor and AHD (Analog High Definition) / PAL.

The AHD interface allows to transmission of analog video signal via coaxial cable in 720p 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.

Additionally camera has a possibility to select output signal standard between AHD and PAL. The change of the AHD / PAL standard is done with joystick by holding it tilted to the right or to the left for approx. 5 seconds, without going into the OSD.



|                                  |   |
|----------------------------------|---|
| Standard:                        | AHD / PAL   |
| Sensor:                          | 1/3 " Sony CMOS IMX238  |
| Digital Image Processor:         | Nextchip NVP2430H   |
| Matrix size:                     | 1.4 Mpx   |
| Resolution:                      | 1280 x 720 - 720p AHD-M ,<br>960 x 576 - 960H PAL   |
| Range of IR illumination:        | 20 m  |
| IR illuminator power adjustment: | Automatic   |
| Lens:                            | 2.8 ... 12 mm   |
| View angle:                      | <ul style="list-style-type: none"> <li>• 81 ° ... 23 ° (manufacturer data)</li> <li>• 86 ° ... 30 ° (our tests result)</li> </ul>   |
| S/N ratio:                       | > 50 dB   |
| Video output:                    | 1 Vpp 75 Ω, AHD / PAL - selectable by switch  |
| Main features:                   | <ul style="list-style-type: none"> <li>• ICR - Movable InfraRed filter</li> <li>• Sense-UP - (Slow Shutter) - Increase the sensor sensitivity max. x 30</li> <li>• D-WDR - Wide Dynamic Range</li> <li>• DNR - Digital Noise Reduction</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• Motion Detection - max. 4 zones</li> <li>• Privacy zones - max. 4</li> <li>• BLC - configurable Back Light Compensation</li> <li>• HSBL - High Light Compensation (spot)</li> <li>• Mirror - Mirror image</li> <li>• image "freeze"</li> <li>• Sharpness - sharper image outlines</li> <li>• Monitor type correction - LCD/CRT</li> </ul> |



## DATA SHEET

|                        |   |
|------------------------|---|
| OSD menu:              | ✓   |
| Vandal-proof:          | —   |
| "Index of Protection": | IP44  |
| Application:           | The camera is designed for indoor use, due to the possibility of steam condensation.            |
| Power supply:          | 12 V DC / 480 mA  |
| Housing:               | Dome - Plastic  |
| Color:                 | White   |
| Operation temp:        | -10 °C ... 50 °C  |
| Weight:                | 0.3 kg  |
| Dimensions:            | Ø 128 x 92 mm   |
| Supported languages:   | English, Chinese, French, Spanish, Dutch, German, Polish, Portuguese, Russian, Turkish, Italian |
| Guarantee:             | 2 years   |