

Code: AHD-LC2-36W

## AHD, PAL CAMERA **AHD-LC2-36W** - 720p 3.6 mm

Net: **11.06 EUR** Gross: **11.06 EUR**

Megapixel camera with 1/4" OmniVision OV9712 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.



### SPECIFICATION

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| Standard:                        | AHD / PAL                                                                                                    |
| Sensor:                          | 1/4 " OmniVision OV9712S CMOS                                                                                |
| Digital Image Processor:         | Nextchip NVP2431H                                                                                            |
| Matrix size:                     | 1.0 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:                            | 3.6 mm / F2.0                                                                                                |
| View angle:                      | <ul style="list-style-type: none"><li>• 53 ° (manufacturer data)</li><li>• 53 ° (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>• 3D-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>• HSBLC - 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> |
| OSD menu:              | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| "Index of Protection": | IP65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Power supply:          | 12 V DC / 300 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Housing:               | Compact, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Color:                 | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Operation temp:        | -20 °C ... 50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Weight:                | 0.325 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Dimensions:            | 169 x 66 x 66 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Supported languages:   | English, Chinese, French, Spanish, Dutch, German, Polish, Portuguese, Russian, Turkish, Italian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Guarantee:             | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## PRESENTATION

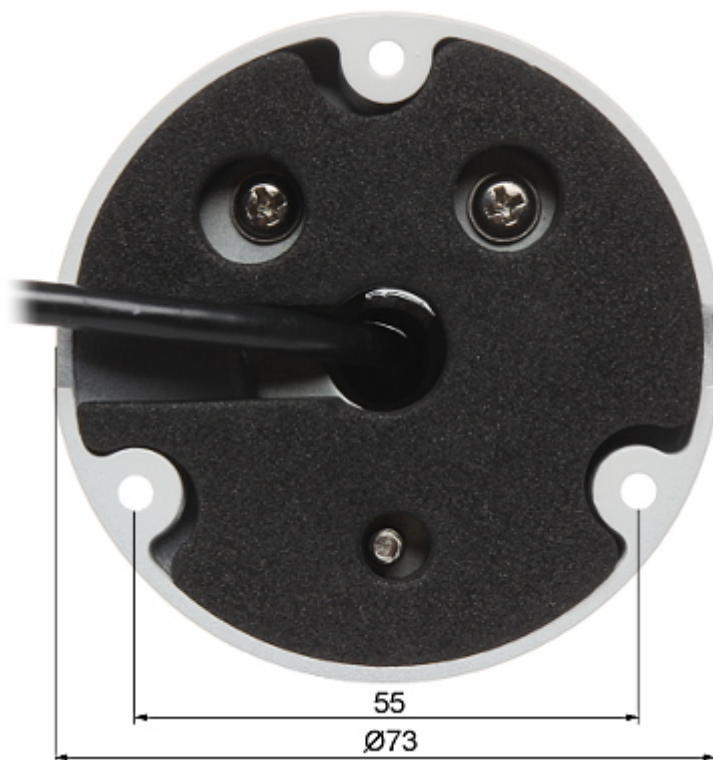
Front view:



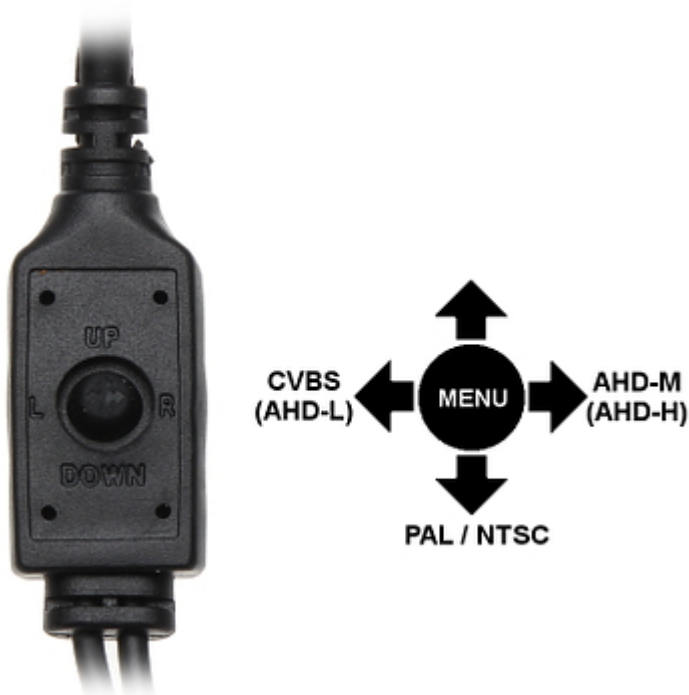
Side view:



Mounting side view:

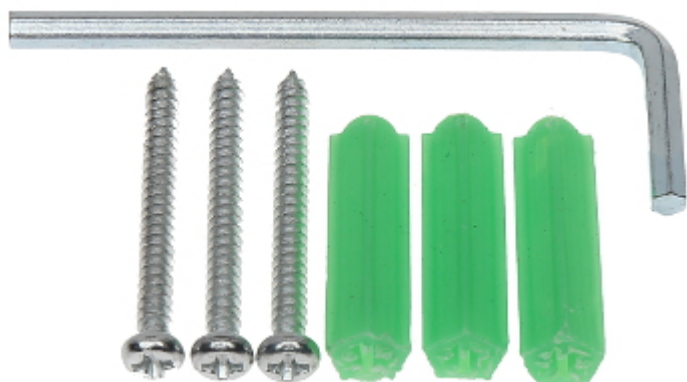


The appropriate signal format selection is done by tilting and holding the joystick for 5 s without entering to the OSD menu. Changing the signal to the NTSC in the camera causes loss of image in connected AHD recorder:



Configuration

- 1) Turn on the power
  - 2) Move the joystick left or right, setting the appropriate resolution
  - 3) Move the joystick down by 5 s, setting the PAL / NTSC
- The PAL and NTSC standard is set regardless of the resolution.  
In the kit:



## OUR TESTS

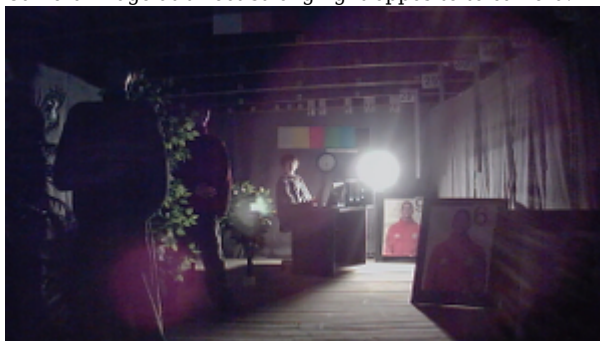
Camera image at artificial illumination (about 30Lux):



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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