

Code: OMEGA-20AH16-15

# AHD SPEED DOME CAMERA OUTDOOR **OMEGA-20AH16-15** - 1080p 5.35 ... 96.3 mm

Net: **582.34 EUR** Gross: **582.34 EUR**

Megapixel camera with 1/2.8" Sony CMOS sensor and AHD (Analog High Definition).

The AHD 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.



## SPECIFICATION

|                                         |                                                                                                                                         |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                               | AHD                                                                                                                                     |
| Sensor:                                 | 1/2.8 " Sony CMOS IMX322                                                                                                                |
| Digital Image Processor:                | Nextchip NVP6021                                                                                                                        |
| Matrix size:                            | 2.4 Mpx                                                                                                                                 |
| Resolution:                             | 1920 x 1080 - 1080p, AHD-H                                                                                                              |
| Lens:                                   | 5.35 ... 96.3 mm                                                                                                                        |
| View angle:                             | 54 ° ... 3.1 ° (manufacturer data)<br>58 ° ... 4 ° (our tests result)                                                                   |
| Optical zoom:                           | x 18                                                                                                                                    |
| Range of IR illumination:               | 150 m                                                                                                                                   |
| IR illuminator power adjustment:        | Automatic                                                                                                                               |
| Rotation speed depending on ZOOM level: | ✓                                                                                                                                       |
| Horizontal rotation range:              | 360 ° continuous                                                                                                                        |
| Vertical rotation range:                | -3 ° ... 90 °                                                                                                                           |
| Rotation speed (manual control):        | 0.02 °/s ... 160 °/s (horizontal) ,<br>0.02 °/s ... 70 °/s (vertical)                                                                   |
| PTZ control:                            | <ul style="list-style-type: none"><li>• The ability to control via coaxial cable from recorder</li><li>• Via interface RS-485</li></ul> |

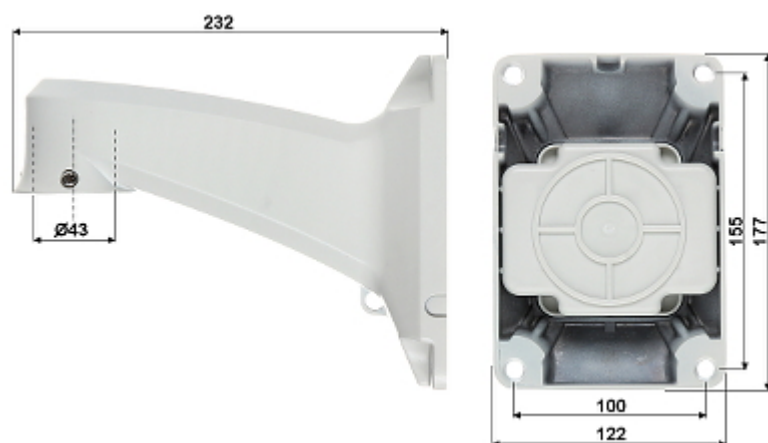
|                        |                                                                                                                                                                                                                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protocols:             | Pelco-D, Pelco-P                                                                                                                                                                                                                                                                                              |
| S/N ratio:             | > 58 dB                                                                                                                                                                                                                                                                                                       |
| Video output:          | 1 Vpp 75 Ω, AHD                                                                                                                                                                                                                                                                                               |
| Park action:           | Call the set function (tour, scan, etc.) after specified dwell time                                                                                                                                                                                                                                           |
| Number of presets:     | 220                                                                                                                                                                                                                                                                                                           |
| Route settings:        | 4                                                                                                                                                                                                                                                                                                             |
| Horizontal scan:       | ✓                                                                                                                                                                                                                                                                                                             |
| OSD menu:              | ✓                                                                                                                                                                                                                                                                                                             |
| Main features:         | <ul style="list-style-type: none"> <li>• The ability to control via coaxial cable from recorder</li> <li>• ICR - Movable InfraRed filter</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• IR illuminator optimization</li> <li>• BLC - Back Light Compensation</li> <li>• Auto White Balance</li> </ul> |
| Power supply:          | 12 V DC / 2120 mA (max)                                                                                                                                                                                                                                                                                       |
| Housing:               | Speed Dome, Metal                                                                                                                                                                                                                                                                                             |
| "Index of Protection": | IP66                                                                                                                                                                                                                                                                                                          |
| Color:                 | White                                                                                                                                                                                                                                                                                                         |
| Operation temp:        | -40 °C ... 60 °C                                                                                                                                                                                                                                                                                              |
| Weight:                | 4.61 kg (with bracket)                                                                                                                                                                                                                                                                                        |
| Dimensions:            | 317 x 370 x 235 mm (with bracket)                                                                                                                                                                                                                                                                             |
| Supported languages:   | English, French, Spanish, German, Polish, Portuguese, Italian                                                                                                                                                                                                                                                 |
| Manufacturer / Brand:  | OMEGA                                                                                                                                                                                                                                                                                                         |
| Vandal-proof:          | ✓                                                                                                                                                                                                                                                                                                             |
| Guarantee:             | 2 years                                                                                                                                                                                                                                                                                                       |

## PRESENTATION



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Bracket dimensions:



Camera connectors:

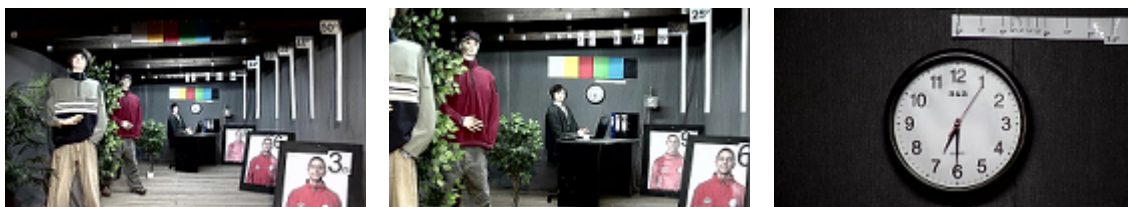


In the kit:



## OUR TESTS

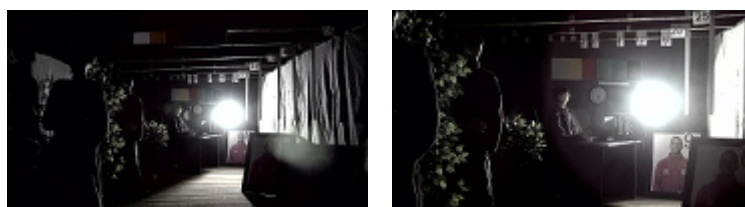
Camera image at artificial illumination (about 30Lux):



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 |
|----------------------------------|--------------------|