

Code: OMEGA-PTZ-53P4-4P

# IP SPEED DOME CAMERA OUTDOOR **OMEGA-PTZ-53P4-4P** - 5 Mpx 3.35 ... 10.05 mm

Net: **154.51 EUR** Gross: **154.51 EUR**

Small dimensions, outdoor PTZ camera with motozoom lens.

The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

For a few models of IP cameras working at  $\geq 1920 \times 1080$  resolution we recommend to use of network with 1Gb/s bandwidth.



## SPECIFICATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| Standard:                        | TCP/IP                                                                                         |
| Sensor:                          | 1/2.8 " Sony CMOS IMX335                                                                       |
| Matrix size:                     | 5 Mpx                                                                                          |
| Resolution:                      | 2592 x 1944 - 5 Mpx ,<br>2560 x 1440 - 3.7 Mpx ,<br>1920 x 1080 - 1080p ,<br>1280 x 720 - 720p |
| Lens:                            | 3.35 ... 10.05 mm - Motozoom                                                                   |
| View angle:                      | • 84 ° ... 34 ° (manufacturer data)<br>• 67 ° ... 29 ° (our tests result)                      |
| Optical zoom:                    | x 4                                                                                            |
| Auto IR illuminator:             | Adaptive adjusting of the IR illuminator power to the lens zoom and outdoor light conditions   |
| Range of IR illumination:        | 20 m                                                                                           |
| Video output:                    | —                                                                                              |
| Rotation speed (manual control): | 1 °/s ... 25 °/s (horizontal)<br>1 °/s ... 20 °/s (vertical)                                   |
| Horizontal rotation range:       | 0 ... 350 ° - Rotation of the head is limited by stops                                         |
| Vertical rotation range:         | 0 ° ... 70 °                                                                                   |

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|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RS-485 interface:              | —                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Number of presets:             | 255                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Horizontal scan:               | —                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Image compression method:      | H.265+ / H.265 / H.264+ / H.264                                                                                                                                                                                                                                                                                                                                                                                                          |
| Protections:                   | Overvoltage                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Alarm inputs / outputs:        | —                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Network protocols:             | TCP/IP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP                                                                                                                                                                                                                                                                                                                                                                    |
| Main stream frame rate:        | <ul style="list-style-type: none"> <li>• 20 fps @ 5 Mpx</li> <li>• 25 fps @ 4 Mpx</li> </ul>                                                                                                                                                                                                                                                                                                                                             |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ONVIF:                         | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Mobile phones support:         | Port no.: 80 or access by a cloud (P2P) <ul style="list-style-type: none"> <li>• Android: Free application <a href="#">BitVision</a></li> <li>• iOS (iPhone): Free application <a href="#">BitVision</a></li> </ul>                                                                                                                                                                                                                      |
| Default IP address:            | 192.168.1.168                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Default admin user / password: | admin / admin                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Web browser access ports:      | 80                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Port ONVIF:                    | 8999                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RTSP URL:                      | rtsp://ip_address/1/h264major - Main stream<br>rtsp://ip_address/1/h264minor - Sub stream<br>rtsp://ip_address:554/1/mjpeg - Sub stream                                                                                                                                                                                                                                                                                                  |
| Route settings:                | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OSD menu:                      | —                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Main features:                 | <ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• ICR - Movable InfraRed filter</li> <li>• IR illuminator optimization</li> <li>• BLC - configurable Back Light Compensation</li> <li>• AGC - Automatic Gain Control</li> <li>• Auto White Balance</li> <li>• Configurable Privacy Zones</li> <li>• motion detection based on human detection</li> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 680 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                           |
| Power consumption:             | ≤ 8.2 W                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Housing:                       | Speed Dome, Metal                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| "Index of Protection":         | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Operation temp:                | -20 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Weight:                        | 0.55 kg (with bracket)                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Dimensions:                    | Ø 110 x 102 mm (with bracket)                                                                                                                                                                                                                                                                                                                                                                                                            |
| Supported languages:           | English                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Manufacturer / Brand:          | OMEGA                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Guarantee:                     | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## PRESENTATION



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Camera is very small:



Camera view after remove the Dome cover:



Mounting side view:



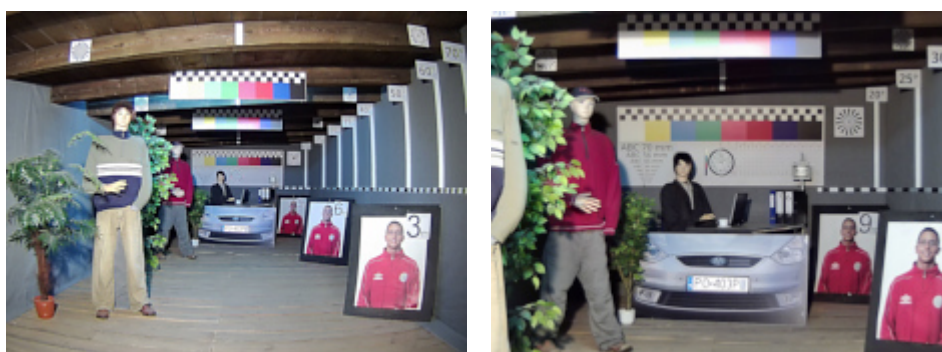


In the kit:



## OUR TESTS

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



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Camera image at direct strong light opposite to camera:



## OUR OPINIONS



- Very small camera dimensions.

## PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|



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