

Code: OMEGA-PTZ-22P4-4P

# IP SPEED DOME CAMERA OUTDOOR **OMEGA-PTZ-22P4-4P** 2.1 Mpx - 1080p 2.8 ... 12 mm

Net: **127.81 EUR** Gross: **157.21 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:                          | 1/2.9 " Sony CMOS  |
| Matrix size:                     | 2.1 Mpx  |
| Resolution:                      | 1920 x 1080 - 1080p ,<br>1280 x 720 - 720p   |
| Lens:                            | 2.8 ... 12 mm - <b>Motozoom</b>  |
| View angle:                      | • 91 ° ... 28 ° (manufacturer data)<br>• 72 ° ... 30 ° (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:        | 40 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 °   |
| RS-485 interface:                | —  |

DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>  
POL; 60-713 Poznań; Graniczna 10  
e-mail: [delta-opti@delta.poznan.pl](mailto:delta-opti@delta.poznan.pl); tel: +(48) 61 864 69 60

|                                |   |
|--------------------------------|---|
| Number of presets:             | 220   |
| Horizontal scan:               | —   |
| Image compression method:      | H.265 / H.264   |
| Protections:                   | Overvoltage   |
| Alarm inputs / outputs:        | —   |
| Network interface:             | 10/100 Base-T (RJ-45)   |
| Network protocols:             | TCP/IP, HTTP, FTP, RTSP, UPnP, DNS, NTP, RTP, UDP, IGMP, P2P  |
| Bitrate:                       | 128 ... 10240 kbps  |
| Main stream frame rate:        | max. 25 fps @ 1080p   |
| WEB Server:                    | Built-in  |
| ONVIF:                         | 2.4   |
| Mobile phones support:         | Port no.: 80 or access by a cloud (P2P)<br><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:            | 192.168.1.110   |
| 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 - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• Flicker Control - The technology eliminates the tiring eyes flickering image effect</li> <li>• EIS - Electronic Image Stabilization</li> <li>• Save zoom setting in presets</li> <li>• Motion Detection</li> <li>• Configurable Privacy Zones</li> <li>• ICR - Movable InfraRed filter</li> <li>• IR illuminator optimization</li> <li>• BLC - configurable Back Light Compensation</li> <li>• Auto White Balance</li> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 720 mA</li> </ul>  |
| Power consumption:             | ≤ 8.7 W   |
| Housing:                       | Speed Dome, Metal   |
| Color:                         | White   |
| "Index of Protection":         | IP66  |
| Operation temp:                | -20 °C ... 60 °C  |
| Weight:                        | 0.58 kg (with bracket)  |
| Dimensions:                    | Ø 110 x 102 mm (with bracket)   |
| Supported languages:           | English   |
| Manufacturer / Brand:          | OMEGA   |
| Guarantee:                     | 2 years   |

## PRESENTATION



DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>  
POL; 60-713 Poznań; Graniczna 10  
e-mail: [delta-opti@delta.poznan.pl](mailto:delta-opti@delta.poznan.pl); tel: +(48) 61 864 69 60

Camera is very small:



Camera view after remove the Dome cover:



Mounting side view:



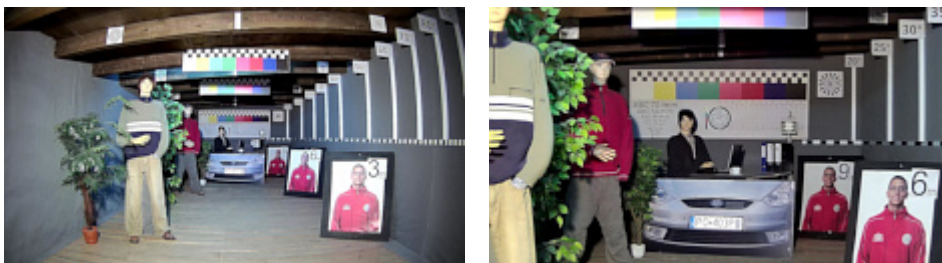


In the kit:



## 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.

