

Code: OMEGA-PTZ-21P4-3P

IP SPEED DOME CAMERA OUTDOOR **OMEGA-PTZ-21P4-3P** 2.1 Mpx - 1080p 2.8 ... 12 mm

Net: **109.07 USD** Gross: **134.16 USD**



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 1920 x 1080 resolution we recommend to use of network with 1Gb/s bandwidth.

SPECIFICATION

Standard:	TCP/IP
Sensor:	1/2.9 " CMOS
Matrix size:	2.1 Mpx
Resolution:	1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p , 720 x 576 - D1 , 720 x 480 640 x 480
Operation modes:	Main and sub streams may be in any configuration Firmware V1.04.10-180809 • Main stream : 1920 x 1080, 1280 x 960, 1280 x 720, 720 x 576, 720 x 480, 640 x 480 • Sub stream : 640 x 480, 480 x 360, 352 x 288, 320 x 240
Scanning system:	Progressive
Lens:	2.8 ... 12 mm - Motozoom
View angle:	• 80 ° ... 23 ° (manufacturer data) • 81 ° ... 31 ° (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

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Range of IR illumination:	25 m
S/N ratio:	≥ 50 dB (AGC off)
Video output:	—
Rotation speed (manual control):	1 °/s ... 25 °/s (horizontal) 1 °/s ... 20 °/s (vertical)
Horizontal rotation range:	0 ... 355 ° - Rotation of the head is limited by stops
Vertical rotation range:	0 ° ... 90 °
RS-485 interface:	—
Number of presets:	16
Horizontal scan:	—
Image compression method:	H.265 / H.264 / MJPEG
Protections:	Overvoltage
Alarm inputs / outputs:	—
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, UDP, P2P
Bitrate:	128 ... 10240 kbps
Main stream frame rate:	max. 30 fps @ 1080p
WEB Server:	Built-in
ONVIF:	2.4
Mobile phones support:	Access by a cloud (P2P) • Android: Free application FREEIP • iOS (iPhone): Free application FREEIP
Default IP address:	192.168.1.200
Default admin user / password:	admin / admin
Web browser access ports:	80
Port ONVIF:	8999
RTSP URL:	rtsp://ip_address/1/h264major - Main stream rtsp://ip_address/1/h264minor - Sub stream rtsp://ip_address:554/1/mjpeg - Sub stream
Route settings:	—
OSD menu:	—
Main features:	<ul style="list-style-type: none"> • EIS - Electronic Image Stabilization • F-DNR (Defog) - Reduction of image noise caused by precipitation • ICR - Movable InfraRed filter • IR illuminator optimization • BLC - configurable Back Light Compensation • Auto White Balance
Power supply:	<ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 940 mA
Power consumption:	≤ 11.3 W
Housing:	Speed Dome, Plastic
Color:	White
"Index of Protection":	IP66
Operation temp:	-20 °C ... 60 °C
Weight:	0.5 kg (with bracket)

Dimensions:	Ø 110 x 102 mm (with bracket)
Supported languages:	English
Guarantee:	2 years

PRESENTATION

Camera is very small:



Camera view after remove the Dome cover:



Mounting side view:



Connectors:



In the kit:



OUR TESTS

Camera image at artificial illumination (about 30Lux):

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



Camera image at direct strong light opposite to camera:



OUR OPINIONS



- Very small camera dimensions.