

Code: OMEGA-PTZ-51P4-3P

IP SPEED DOME CAMERA OUTDOOR **OMEGA-PTZ-51P4-3P** - 5 Mpx 2.8 ... 12 mm

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 5MPx resolution we recommend to use of network with 1Gb bandwidth.

Attention! The camera does not save the zoom setting in presets.



Standard:	TCP/IP
Sensor:	1/2.7 " OmniVision CMOS
Matrix size:	5 Mpx
Resolution:	2592 x 1944 - 5 Mpx , 2592 x 1520 - 4 Mpx , 2048 x 1536 - 3.1 Mpx , 1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p
Scanning system:	Progressive
Lens:	2.8 ... 12 mm
View angle:	• 87 ° ... 25 ° (manufacturer data) • 76 ° ... 33 ° (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:	25 m



DATA SHEET

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 @ 5 Mpx
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:	192.168.1.18 / 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:	• 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 • AGC - Automatic Gain Control • Auto White Balance
Power supply:	• PoE (802.3af), • 12 V DC / 940 mA
Power consumption:	≤ 11.3 W



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Housing:	Speed Dome, Plastic
Color:	White
"Index of Protection":	IP66
Operation temp:	-20 °C ... 60 °C
Weight:	0.5 kg
Dimensions:	Ø 110 x 102 mm
Supported languages:	English
Guarantee:	2 years

