DATA SHEET

Code: OMEGA-PTZ-53P4-4P

IP SPEED DOME CAMERA OUTDOOR **OMEGA-PTZ-53P4-4P** - 5 Mpx 3.35 ... 10.05 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 ≥ 1920 x 1080 resolution we recommend to use of network with 1Gb/s bandwidth.

Standard:	TCP/IP
Sensor:	1/2.8 " Sony CMOS IMX335
Matrix size:	5 Mpx
Resolution:	2592 x 1944 - 5 Mpx , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
Lens:	3.35 ... 10.05 mm - Motozoom
View angle:	• 84 ° ... 34 ° (manufacturer data) • 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:	–

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Rotation speed (manual control):	1 °/s ... 25 °/s (horizontal) 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:	–
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:	• 20 fps @ 5 Mpx • 25 fps @ 4 Mpx
WEB Server:	Built-in
ONVIF:	✔
Mobile phones support:	Port no.: 80 or access by a cloud (P2P) • Android: Free application BitVision • iOS (iPhone): Free application BitVision
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 rtsp://ip_address/1/h264minor - Sub stream rtsp://ip_address:554/1/mjpeg - Sub stream
Route settings:	✔
OSD menu:	–
Main features:	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ICR - Movable InfraRed filter • IR illuminator optimization • BLC - configurable Back Light Compensation • AGC - Automatic Gain Control • Auto White Balance • Configurable Privacy Zones • motion detection based on human detection
Power supply:	• PoE (802.3af), • 12 V DC / 680 mA
Power consumption:	≤ 8.2 W
Housing:	Speed Dome, Metal

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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

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