DATA SHEET

Code: OMEGA-50P36-24

IP SPEED DOME CAMERA OUTDOOR **OMEGA-50P36-24** - 5 Mpx 4.6 ... 165 mm



IP camera equipped with very good high resolution sensor. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition.

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 - 4 Mpx , 1920 x 1080 - 1080p 1280 x 720 - 720p
Lens:	4.6 ... 165 mm
View angle:	• 61 ° ... 1.9 ° (manufacturer data) • 52 ° ... 3.1 ° (our tests result)
Optical zoom:	x 36
Auto IR illuminator:	Adaptive adjusting of the IR illuminator power to the lens zoom and outdoor light conditions
Range of IR illumination:	240 m - Laser IR + LED IR
Video output:	–

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Rotation speed (manual control):	• 1 °/s ... 200 °/s (horizontal) • 1 °/s ... 100 °/s (vertical)
Horizontal rotation range:	360 ° continuous
Vertical rotation range:	0 ° ... 93 °
Audio:	• Microphone built-in • Audio transmission via network
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, ICMP, 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 The administrator password should be set at the first start
Web browser access ports:	80
Port ONVIF:	8999
RTSP URL:	rtsp://ip_address/1/h264major - Main stream rtsp://ip_address/1/h264minor - Sub stream
Route settings:	8
OSD menu:	preset 95
Main features:	• Intelligent Image Analysis, intrusion, motion detection based on human detection, video tampering • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • Parking action - this function enables to locate the camera to specific position automatically if operator doesn't operate the controller for some time • ICR - Movable InfraRed filter • BLC - configurable Back Light Compensation • Auto White Balance • IR illuminator optimization • Mirror - Mirror image • Privacy zones - max. 4

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Power supply:	12 V DC / 5 A (power adapter included)
Power consumption:	≤ 29 W
Housing:	Speed Dome, Metal
Color:	White + Black
"Index of Protection":	IP66
Operation temp:	-40 °C ... 60 °C
Weight:	4.43 kg (with bracket)
Dimensions:	265 x 357 x 405 mm (with bracket)
Supported languages:	Polish, English, Czech, French, Greek, Spanish, Dutch, German, Portuguese, Russian, Turkish, Italian
Manufacturer / Brand:	OMEGA
Guarantee:	2 years

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