

Code: OMEGA-21P22-18

IP SPEED DOME CAMERA OUTDOOR **OMEGA-21P22-18** - 1080p 3.9 ... 85.5 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 $\geq 1920 \times 1080$ resolution we recommend to use of network with 1Gb/s bandwidth.



Standard:	TCP/IP
Sensor:	1/2.9 " APTINA 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
Scanning system:	Progressive
Lens:	3.9 ... 85.5 mm
View angle:	• 65 ° ... 3.3 ° (manufacturer data) • 47 ° ... 5.2 ° (our tests result)
Optical zoom:	x 22
Auto IR illuminator:	Adaptive adjusting of the IR illuminator power to the lens zoom and outdoor light conditions
Range of IR illumination:	180 m

S/N ratio:	≥ 50 dB (AGC off)
Video output:	—
Rotation speed (manual control):	1 °/s ... 120 °/s (horizontal) 1 °/s ... 60 °/s (vertical)
Horizontal rotation range:	360 ° continuous
Vertical rotation range:	0 ° ... 93 °
RS-485 interface:	—
Number of presets:	220
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:	HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, DHCP, PPPoE, P2P
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:	192.168.1.110
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:	3
OSD menu:	preset 95
Main features:	• DIS - Digital Image Stabilization • D-WDR - Wide Dynamic Range • F-DNR (Defog) - Reduction of image noise caused by precipitation • 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 • Motion Detection - Split the screen into zones 22 x 18 • Privacy zones - max. 4



DATA SHEET

Power supply:	12 V DC / 4 A (power adapter included)
Power consumption:	≤ 15.4 W
Housing:	Speed Dome, Metal
Color:	White / Black
"Index of Protection":	IP66
Operation temp:	-20 °C ... 60 °C
Weight:	2.4 kg (with bracket)
Dimensions:	340 x 275 x 188 mm (with bracket)
Supported languages:	English
Guarantee:	2 years