

Code: OMEGA-21P18-5

IP SPEED DOME CAMERA OUTDOOR **OMEGA-21P18-5** 2.1 Mpx - 1080p 4.7 ... 84.6 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.

Very easy operation by Internet Explorer browser allows the users to convenient and remote support, and also remote management of the camera. Included camera software enables management and integrated monitoring of many network cameras.

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 " Sony CMOS
Digital Image Processor:	Hisilicon 3516C
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:	4.7 ... 84.6 mm
View angle:	• 55 ° ... 3.4 ° (manufacturer data) • 49 ° ... 3.9 ° (our tests result)
Optical zoom:	x 18

Auto IR illuminator:	Adaptive adjusting of the IR illuminator power to the lens zoom and outdoor light conditions
Range of IR illumination:	50 m
S/N ratio:	≥ 50 dB (AGC off)
Video output:	—
Rotation speed (manual control):	0.6 °/s ... 200 °/s (horizontal) 3.5 °/s ... 30 °/s (vertical)
Horizontal rotation range:	360 ° continuous
Vertical rotation range:	0 ° ... 93 °
RS-485 interface:	✓
Protocols:	Pelco-D, Pelco-P and others
Number of presets:	220
Horizontal scan:	✓
Image compression method:	H.264 / MJPEG
Protections:	Overvoltage
Alarm inputs / outputs:	—
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	TCP/IP, HTTP, HTTPS, IGMP, DDNS
Bitrate:	256 ... 10000 kbps
WEB Server:	Built-in
ONVIF:	2.4
Mobile phones support:	Connection in cloud technology only • Android: Free application Cloudlens • iOS (iPhone): Free application Cloudlens
Default admin user / password:	admin / admin
Default IP address:	192.168.1.110
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:	1
OSD menu:	—
Main features:	• ICR - Movable InfraRed filter • DNR - Digital Noise Reduction • BLC - configurable Back Light Compensation • Day/Night mode (color/b&w/auto) • IR illuminator optimization • AGC - Automatic Gain Control • Auto White Balance



DATA SHEET

Power supply:	12 V DC / 2 A (power adapter included)
Housing:	Speed Dome, Metal
Color:	White / Black
Operation temp:	-20 °C ... 60 °C
"Index of Protection":	IP66
Weight:	1.656 kg (with bracket)
Dimensions:	200 x 246 x 136 mm (with bracket)
Guarantee:	2 years