

Code: OMEGA-22P22-18

IP SPEED DOME CAMERA OUTDOOR **OMEGA-22P22-18** - 1080p 7 ... 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:	1/2.8 " SONY Starvis™ Back-illuminated CMOS
Matrix size:	2.1 Mpx
Scanning system:	Progressive
Resolution:	1920 x 1080 - 1080p , 1280 x 720 - 720p , 800 x 448 - 448p , 720 x 576 - D1 , 640 x 360 - 360p , 352 x 288 - CIF
Main stream frame rate:	max. 25 fps @ 1080p
Lens:	7 ... 85.5 mm
View angle:	45 ° ... 5 °
Optical zoom:	x 22
Auto IR illuminator:	Adaptive adjusting of the IR illuminator power to the lens zoom and outdoor light conditions



DATA SHEET

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
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
WEB Server:	Built-in
ONVIF:	2.4
Mobile phones support:	Port no.: 80 or access by a cloud (P2P) • Android: Free application BitVision • iOS (iPhone): Free application BitVision
Default IP address:	192.168.1.110
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
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 • 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
Power supply:	12 V DC / 4 A (power adapter included)



DATA SHEET

Power consumption:	< 22 W
Housing:	Speed Dome, Metal
Color:	White + Black
"Index of Protection":	IP66
Operation temp:	-40 °C ... 60 °C
Weight:	2.35 kg (with bracket)
Dimensions:	330 x 280 x 190 mm (with bracket)
Supported languages:	English
Guarantee:	2 years

