DATA SHEET

Code: OMEGA-21P22-6

IP SPEED DOME CAMERA OUTDOOR **OMEGA-21P22-6** 2.1 Mpx - 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 ≥ 1920 x 1080 resolution we recommend to use of network with 1Gb/s bandwidth.

Standard:	TCP/IP
Sensor:	1/2.7 " Sony 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 ° ... 4.2 ° (manufacturer data) • 51 ° ... 4.2 ° (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

DELTA-OPTI Monika Matysiak; https://www.delta.poznan.pl
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

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Range of IR illumination:	50 m
S/N ratio:	≥ 50 dB (AGC off)
Video output:	–
Rotation speed (manual control):	1 °/s ... 45 °/s (horizontal) 1 °/s ... 30 °/s (vertical)
Horizontal rotation range:	360 ° continuous
Vertical rotation range:	0 ° ... 90 °
RS-485 interface:	–
Number of presets:	255
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, SMTP, FTP
Bitrate:	128 ... 5120 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 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

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Main features:	• DIS - Digital Image Stabilization • 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 • WDR - Wide Dynamic Range • ICR - Movable InfraRed filter • BLC - configurable Back Light Compensation • 3D-DNR - Digital Noise Reduction • Auto White Balance • Day/Night mode (color/b&w/auto) • IR illuminator optimization • Mirror - Mirror image • Motion Detection - Split the screen into zones 22 x 18 • Privacy zones - max. 4 • ROI - improve the quality of selected parts of image
Power supply:	12 V DC / 3 A (power adapter included)
Housing:	Speed Dome, Metal
Color:	White / Black
"Index of Protection":	IP66
Operation temp:	-20 °C ... 60 °C
Weight:	1.54 kg (with bracket)
Dimensions:	200 x 246 x 136 mm (with bracket)
Supported languages:	English, Chinese
Guarantee:	2 years

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