DATA SHEET

Code: OMEGA-20P10-6

IP SPEED DOME CAMERA OUTDOOR **OMEGA-20P10-6** - 1080p 5 ... 50 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 ≥ 1920 x 1080 resolution we recommend to use of network with 1Gb/s bandwidth.



Standard:	TCP/IP
Sensor:	1/2.7 " OmniVision Low Illumination CMOS
Digital Image Processor:	Hisilicon 3516C
Matrix size:	2.0 Mpx
Resolution:	1920 x 1080 - 1080p 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Scanning system:	Progressive
Lens:	5 ... 50 mm
View angle:	• 52 ° ... 5.9 ° (manufacturer data) • 48 ° ... 6.5 ° (our tests result)
Optical zoom:	x 10
Auto IR illuminator:	Adaptive adjusting of the IR illuminator power to the lens zoom and outdoor light conditions
Range of IR illumination:	60 m
S/N ratio:	≥ 58 dB (AGC off)
Video output:	–

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Rotation speed (manual control):	40 °/s (horizontal) 40 °/s (vertical)
Preset rotation speed:	40 °/s
Horizontal rotation range:	360 ° continuous
Vertical rotation range:	0 ° ... 93 °
RS-485 interface:	–
Number of presets:	220
Horizontal scan:	✔
Route settings:	3
Image compression method:	H.264 / MJPEG
Protections:	Overvoltage
Alarm inputs / outputs:	–
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	TCP/IP, UDP, HTTP, DHCP, RTP/RTSP, DNS, DDNS, NTP, PPPOE, UPNP
WEB Server:	Built-in
ONVIF:	2.4
Mobile phones support:	Access by a cloud (P2P) • Android: Free application FREEIP • iOS (iPhone): Free application FREEIP
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 • Auto White Balance • Day/Night mode (color/b&w/auto) • IR illuminator optimization • Mirror - Mirror image
Power supply:	12 V DC / 3 A (power adapter included)
Housing:	Speed Dome, Metal
Color:	White
Operation temp:	-40 °C ... 60 °C
"Index of Protection":	IP66
Weight:	1.63 kg (with bracket)
Dimensions:	215 x 200 x 130 mm (with bracket)
Guarantee:	2 years

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