

Code: OMEGA-40P18-6-AI

## IP SPEED DOME CAMERA OUTDOOR **OMEGA-40P18-6-AI** - 5 Mpx 5.35 ... 96.3 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 " Progressive Scan CMOS
Matrix size:	5 Mpx
Resolution:	2592 x 1944 - 5 Mpx , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
Lens:	5.35 ... 96.3 mm
View angle:	<ul style="list-style-type: none"> <li>• 59 ° ... 3.6 ° (manufacturer data)</li> <li>• 50 ° ... 3.8 ° (our tests result)</li> </ul>
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:	80 m
Video output:	—
Rotation speed (manual control):	1 °/s ... 120 °/s (horizontal) , 1 °/s ... 30 °/s (vertical)



# DATA SHEET

Horizontal rotation range:	360 ° continuous
Vertical rotation range:	0 ° ... 93 °
RS-485 interface:	—
Number of presets:	255
Horizontal scan:	✓
Image compression method:	H.265 / H.264
Protections:	Overvoltage
Audio:	<ul style="list-style-type: none"><li>• Microphone built-in</li><li>• Speaker built-in</li><li>• Bi-directional audio streaming support</li><li>• Voice prompts in English or Chinese</li></ul>
Alarm inputs / outputs:	—
Memory card slot:	—
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP
Main stream frame rate:	20 fps @ 5 Mpx 25 fps @ 4 Mpx
WEB Server:	Built-in
ONVIF:	✓
Mobile phones support:	Port no.: 80 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">BitVision</a></li><li>• iOS (iPhone): Free application <a href="#">BitVision</a></li></ul>
Default IP address:	192.168.1.168
Default admin user / password:	admin / admin The administrator password should be set at the first start
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:	8
OSD menu:	preset 95
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)

Main features:	<ul style="list-style-type: none"> <li>• Intelligent Image Analysis : intrusion</li> <li>• Local recording : Motion Detection, Schedule, continuous</li> <li>• WDR - Wide Dynamic Range</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• Parking action - this function enables to locate the camera to specific position automatically if operator doesn't operate the controller for some time</li> <li>• ICR - Movable InfraRed filter</li> <li>• BLC - configurable Back Light Compensation</li> <li>• Auto White Balance</li> <li>• AGC - Automatic Gain Control</li> <li>• IR illuminator optimization</li> <li>• Mirror - Mirror image</li> <li>• Motion Detection - Split the screen into zones 16 x 12</li> </ul>
Power supply:	<ul style="list-style-type: none"> <li>• PoE (802.3at)</li> <li>• 12 V DC / 3 A (power adapter included)</li> </ul>
Housing:	Speed Dome, Metal
Color:	White + Black
"Index of Protection":	IP66
Operation temp:	-40 °C ... 60 °C
Weight:	1.51 kg (with bracket)
Dimensions:	200 x 269 x 137 mm (with bracket)
Supported languages:	Polish, English, Czech, French, Greek, Spanish, Dutch, German, Portuguese, Russian, Turkish, Italian
Manufacturer / Brand:	OMEGA
Guarantee:	2 years