

Code: OMEGA-51P18-8P

IP SPEED DOME CAMERA OUTDOOR **OMEGA-51P18-8P** - 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.



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| Standard: | TCP/IP |
| Sensor: | 1/2.8 " Progressive Scan CMOS |
| Matrix size: | 5 Mpx |
| Resolution: | 2592 x 1944 - 5 Mpx , 2560 x 1440 - 4 Mpx , 1920 x 1080 - 1080p 1280 x 720 - 720p |
| Lens: | 5.35 ... 96.3 mm |
| View angle: | <ul style="list-style-type: none"> • 59 ° ... 3.6 ° (manufacturer data) • 48 ° ... 3.7 ° (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: | 80 m |
| Video output: | — |
| Rotation speed (manual control): | 1 °/s ... 80 °/s (horizontal) 1 °/s ... 40 °/s (vertical) |



DATA SHEET

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| 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 |
| Alarm inputs / outputs: | — |
| 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: | <ul style="list-style-type: none">• 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">• Android: Free application BitVision• iOS (iPhone): Free application BitVision |
| 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 |
| Main features: | <ul style="list-style-type: none">• Intelligent Image Analysis : intrusion, motion detection based on human detection, video sabotage• ROI - improve the quality of selected parts of image• 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• Privacy zones - max. 4 |
| Power supply: | <ul style="list-style-type: none">• PoE (802.3at),• 12 V DC / 3 A (power adapter included) |
| Power consumption: | ≤ 33 W |
| Housing: | Speed Dome, Metal |



DATA SHEET

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| Color: | White + Black |
| "Index of Protection": | IP66 |
| Operation temp: | -20 °C ... 60 °C |
| Weight: | 1.5 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 |