



- 2.0 Mp resolution
- 4G/3G support
- MicroSD card support
- IP66 rating
- IR LED
- 3-Axis mounting
- ONVIF 2.4 protocol support
- Support mobile monitoring: iOS & Android
- Ability to work with Partizan Cloud Storage
- Remote access to the device with Partizan MAC

Your manual is here:  
<http://manuals.partizan.global>



Partizan software:  
<http://apps.partizan.global>



| IP Camera                                                                                                   |                                                                               |                                                                                          |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Model                                                                                                       | IPO-2SP                                                                       |                                                                                          |
| Version                                                                                                     | 4G                                                                            |                                                                                          |
| Image Sensor                                                                                                |                                                                               |                                                                                          |
| Sensor                                                                                                      | 1/2.8" FullHD CMOS                                                            |                                                                                          |
| Pixel Size, μm                                                                                              | 2.8x2.8                                                                       |                                                                                          |
| Resolution, pixels@fps                                                                                      | Mainstream (max)*                                                             | PAL:1920x1080@20, 1280x720@25, 704x576@25<br>NTSC: 1920x1080@20, 1280x720@30, 704x576@30 |
|                                                                                                             | Substream (max)*                                                              | PAL:704x576@25, 320x288@25, NTSC:704x576@30, 320x288@30                                  |
| Day/Night mode                                                                                              | Auto                                                                          | +                                                                                        |
|                                                                                                             | Color                                                                         | +                                                                                        |
|                                                                                                             | Black&White                                                                   | +                                                                                        |
| Sensitivity, Lux                                                                                            | 0.1                                                                           |                                                                                          |
| Dynamic range WDR, dB                                                                                       | 72                                                                            |                                                                                          |
| S/N ratio, dB                                                                                               | 48                                                                            |                                                                                          |
| Video functions                                                                                             | AES, AGC, AWB, BLC, OSD, PrivacyMasks                                         |                                                                                          |
| Codec profile                                                                                               | H.264/H.265                                                                   | Baseline / Main / High                                                                   |
| Exposure mode, s                                                                                            | Auto                                                                          | 1/50-1/10000                                                                             |
|                                                                                                             | Manual                                                                        | 0.256-65.536                                                                             |
| Bitrate Type, kb/s                                                                                          | Constant                                                                      | 1024-8192                                                                                |
|                                                                                                             | Variable                                                                      | Worst/Worse/General/Good/Better/Best                                                     |
| *Attention! When you set the mainstream to the maximum fps, it may cause decreasing of fps of the substream |                                                                               |                                                                                          |
| Lens                                                                                                        |                                                                               |                                                                                          |
| Focal length, mm                                                                                            | 2.8                                                                           |                                                                                          |
| Iris, F                                                                                                     | 1.4                                                                           |                                                                                          |
| Angle of View, °                                                                                            | Horizontal                                                                    | 89                                                                                       |
|                                                                                                             | Vertical                                                                      | 58                                                                                       |
| Lens Type                                                                                                   | Aspherical                                                                    | -                                                                                        |
|                                                                                                             | Spherical                                                                     | +                                                                                        |
| Lens mount                                                                                                  | M12                                                                           |                                                                                          |
| Control, Manual/Auto                                                                                        | -                                                                             |                                                                                          |
| IR LED                                                                                                      |                                                                               |                                                                                          |
| Distance, m                                                                                                 | ≤30                                                                           |                                                                                          |
| Number of LEDs, pcs.                                                                                        | 4, array LED                                                                  |                                                                                          |
| Beam Spread, °                                                                                              | 60                                                                            |                                                                                          |
| Wavelength, nm                                                                                              | 850                                                                           |                                                                                          |
| IR Cut Filter, Manual/Auto                                                                                  | -/+                                                                           |                                                                                          |
| Network                                                                                                     |                                                                               |                                                                                          |
| Network Interface                                                                                           | 3G/4G                                                                         |                                                                                          |
| 4G/3G                                                                                                       | GSM/GPRS/EDGE 900MHz/1800MHz                                                  |                                                                                          |
|                                                                                                             | CDMA/EVDO BC0 800MHz                                                          |                                                                                          |
|                                                                                                             | TD_SDCMA B34,B39                                                              |                                                                                          |
|                                                                                                             | UMTS/WCDMA B1 B5 B8                                                           |                                                                                          |
|                                                                                                             | LTE-FDD B1 B3 B5 B7 B8 B20<br>LTE-TDD B38 B39 B40 B41                         |                                                                                          |
| Network functions                                                                                           | Cloud/NiP/DDNS/IPFilter/E-mail/NTP/UPNP/RTSP                                  |                                                                                          |
| Languages supported                                                                                         | English, Russian, Arabic, French, Polish, Romanian, Hungarian, Italian, Czech |                                                                                          |
| Default IP address                                                                                          | DHCP (Auto)                                                                   |                                                                                          |
| Username                                                                                                    | admin                                                                         |                                                                                          |
| Password                                                                                                    | admin                                                                         |                                                                                          |
| HTTP port                                                                                                   | 80                                                                            |                                                                                          |
| ONVIF port                                                                                                  | 8899                                                                          |                                                                                          |
| RTSP port                                                                                                   | 554                                                                           |                                                                                          |
| RTSP string                                                                                                 | rtsp://IPaddress:port/user=admin&password=admin&channel=1&stream=0.sdp?       |                                                                                          |
| Control port                                                                                                | 34567                                                                         |                                                                                          |
| Configuration software                                                                                      | Partizan Device Manager                                                       |                                                                                          |
| Monitoring program                                                                                          | Partizan Device Manager, Partizan CMS, Partizan VMS                           |                                                                                          |
| Mobile software (support)                                                                                   | Partizan Device Manager, Partizan Cloud Storage                               |                                                                                          |
| Protocol integration                                                                                        | Partizan SDK, ONVIF 2.4+                                                      |                                                                                          |
| Dimensions                                                                                                  |                                                                               |                                                                                          |
| Size, mm                                                                                                    | Total length                                                                  | 160                                                                                      |
|                                                                                                             | Housing                                                                       | ∅62x90                                                                                   |
|                                                                                                             | Bracket                                                                       | ∅65x55                                                                                   |
| Weight, g                                                                                                   | 300                                                                           |                                                                                          |
| Common                                                                                                      |                                                                               |                                                                                          |
| Power Supply                                                                                                | DC12V, A                                                                      | 0.5                                                                                      |
|                                                                                                             | PoE Class/W                                                                   | -                                                                                        |
| Alarm                                                                                                       | Inputs                                                                        | -                                                                                        |
|                                                                                                             | Outputs                                                                       | -                                                                                        |
| Audio                                                                                                       | Built-in microphone                                                           | +                                                                                        |
|                                                                                                             | Inputs                                                                        | -                                                                                        |
|                                                                                                             | Outputs                                                                       | -                                                                                        |
| Memory card                                                                                                 | MicroSD (≤128Gb)                                                              |                                                                                          |
| SIM card slot                                                                                               | Micro-SIM                                                                     |                                                                                          |
| Housing material, plastic/metal                                                                             | -/+                                                                           |                                                                                          |
| Bracket material, plastic/metal                                                                             | -/+                                                                           |                                                                                          |
| IP rating                                                                                                   | 66                                                                            |                                                                                          |
| IK rating                                                                                                   | -                                                                             |                                                                                          |
| Operating temperature, °C                                                                                   | -40 - +60                                                                     |                                                                                          |
| Warranty, years                                                                                             | 3                                                                             |                                                                                          |