



- 2.0 Mp resolution
- Varifocal lens with autofocus
- IR leds
- IP66 rating
- 3-Axis mounting
- ONVIF protocol support
- iOS & Android Free Software
- Free Surveillance software included

| IP Camera                 |              |                                                                                       |
|---------------------------|--------------|---------------------------------------------------------------------------------------|
| Model                     |              | IPS-220X-IR SE                                                                        |
| Version                   |              | 1.0                                                                                   |
| Image Sensor              |              |                                                                                       |
| Sensor                    |              | 1/2.8" Full HD Sony Starvis                                                           |
| Pixel Size, µm            |              | 2.8x2.8                                                                               |
| Resolution, points@fps    | Main stream  | PAL:1920x1080@25, 1280x720@25, 704x576@25, NTSC:1920x1080@30, 1280x720@30, 704x576@30 |
|                           | Sub stream   | PAL:704x576@25, 320x288@25, NTSC:704x576@30, 320x288@30                               |
| Day/Night mode            |              | Auto/Color/Black&White                                                                |
| Sensitivity, Lux/Iris     |              | 0.001                                                                                 |
| Dynamic range WDR, dB     |              | 72                                                                                    |
| S/N ratio, dB             |              | 48                                                                                    |
| Video functions           |              | AES, AGC, AWB, ABF, BLC, OSD, PrivacyMasks, DWDR                                      |
| 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                                                  |
| Lens                      |              |                                                                                       |
| Focal length, mm          |              | 4.7-94                                                                                |
| Optical zoom              |              | 20x                                                                                   |
| Iris, F                   |              | 1.6-2.7                                                                               |
| Angle of View, °          | Horizontal   | 55.4-2.9                                                                              |
|                           | Vertical     | 37.4-1.5                                                                              |
| lens Type                 | Aspherical   | -                                                                                     |
|                           | Spherical    | +                                                                                     |
| Lens mount                |              | M12                                                                                   |
| Control                   |              | Auto                                                                                  |
| IR LED                    |              |                                                                                       |
| Distance, m               |              | Up to 120                                                                             |
| Number of LEDs, pcs.      |              | 9                                                                                     |
| Beam Spread, °            |              | 60                                                                                    |
| Wavelength, nm            |              | 850                                                                                   |
| IR Cut Filter             |              | Auto                                                                                  |
| Network                   |              |                                                                                       |
| Network Interface         |              | RJ-45 (10/100Base-T)                                                                  |
| Network functions         |              | Cloud/NiP/DDNS/IPFilter/E-mail/NTP/UPNP/FTP/RTSP                                      |
| Browser supported         |              | Internet Explorer, Opera, Mozilla Firefox, Google Chrome                              |
| Languages supported       |              | English, Russian, Arabic, French, Poland, Romanian, Hungarian, Italian, Czech         |
| Default IP address        |              | <b>DHCP (Auto)</b>                                                                    |
| Username                  |              | <b>admin</b>                                                                          |
| Password                  |              | <b>admin</b>                                                                          |
| HTTP port                 |              | 80                                                                                    |
| ONVIF port                |              | 8899                                                                                  |
| RTSP port                 |              | 554                                                                                   |
| RTSP string               |              | rtsp://192.168.1.10:554 /user=admin&password=&channel =1&stream=0.sdp?                |
| Control port              |              | 34567                                                                                 |
| Configuration software    |              | Partizan Device Manager                                                               |
| Monitoring program        |              | Partizan Device Manager, Partizan CMS, Partizan VMS                                   |
| Mobile software           |              | Partizan Device Manager, Partizan Cloud Storage                                       |
| Protocol integration      |              | Partizan SDK, ONVIF 2.4+                                                              |
| Dimensions                |              |                                                                                       |
| Size, mm                  | Total length | -                                                                                     |
|                           | Housing      | Ø185x315                                                                              |
|                           | Bracket      | -                                                                                     |
| Weight, g                 |              | 4200                                                                                  |
| Common                    |              |                                                                                       |
| Power Supply              | DC, V/A      | 12/4                                                                                  |
|                           | PoE, Class/W | -                                                                                     |
| Alarm                     | Inputs       | -                                                                                     |
|                           | Outputs      | -                                                                                     |
| PTZ                       | Pan°         | 360                                                                                   |
|                           | Tilt°        | 90                                                                                    |
| PT Speed, s               |              | 0.1 ~ 40                                                                              |
| Audio in/out              |              | -/-                                                                                   |
| Memory card               |              | -                                                                                     |
| Housing material          |              | Metal                                                                                 |
| Bracket material          |              | Metal                                                                                 |
| IP rating                 |              | 66                                                                                    |
| IK rating                 |              | -                                                                                     |
| Operating temperature, °C |              | -40 - +60                                                                             |
| Warranty, years           |              | 3                                                                                     |