| Interface | |
|---|---|
| USB 2 | 2 |
| USB 3 | 4 |
| HDMI | 1 x 4K |
| Blutooth | Yes |
| LAN | 1 Gigabit RJ45 |
| COM | 1 |
| Wi-Fi | Yes |
| Audio | Audio In / Audio Out |
| **Hardware** | |
| CPU | Intel Core i5 9400 |
| GPU | Intel G630 |
| RAM | 8 G DDR4 |
| Storage | 240 G SSD M2 |
| Sata | 1 |
| OS | Windows |
| Mounting | Desktop |
| **Camera** | |
| Protocol | RTSP, FTP, Address File |
| Channel | Up To 2 CH |
| Frame Rate | Up TO 30 @fps |
| Video Compression | H265, H264 Mjpeg, Mpeg4 |
| **System** | |
| License Type | Parking / Highway (Optional) |
| Hardware Type | CPU, OPEN CL , CUDA |
| Graphical User Interface | Light, Dark |
| Storage Type | SQL Server DB, SQL Lite DB, Local DB |
| Security | User Accesss, Online User View, Plate Access List |

| General | |
|---|---|
| IP Rating | IP 51 |
| Language | Persian, English |
| Dimention | 183*183*37 mm |
| Weight | 1 Kg |
| Storage Temp | -20°C ~ +50°C / 10% ~ 90% RH |
| Operation Temp | -15°C ~ +50°C / 10% ~ 90% RH |
| **Power Supply** | |
| Power | 19 V-3A |
| Adaptor | Yes |
| **Module Interfaces(Optional)** | |
| Digital Output | 6 |
| Analog Output | 2 |
| **Plate View** | |
| Table View | Display Camera Type, Status,Brand, Plate Properties, Camera Location, Fines, Color, Accuracy, Traffic Count, Crop Plate Range |
| Info Plate | Name , Type, Tel, Mobile, Status, Color, Model, Traffic Count, Detect by OCR or RFID |
| **Search** | |
| Plate Search | Name, Type, Tel, Plate/Time Search/Smart Search |
| Backup File | Excel, PDF |
| **Guaratee** | |
| Product Guarantee | 1 Year Guarantee |
| MTBF | 100K hrs min- MIL-HDBK-217F (25°) |

| Camera | |
|---|---|
| Image Sensor | 6MP (Sony-Japan) Progressive scan Cmos Sensor (1/2.8") |
| CPU | Dual-Core ARM Cortex-A7@900 MHz |
| Lens | 2.7~13.5 mm @F1.6, Motorized Fast Auto Focus Lens |
| Resolution | 3200*1800 **(6MP)** |
| Available IR Range | 70~80 m Smart IR SMD (Philips) Technology<br>Smart White light Technology |
| D/N Filter | IR cut filter with auto switch |
| Min Illumination | Color: 0.001 lux(AGC on) - B/W: 0.0 Lux(IR on) |
| Angle of View | **H-FOV: 112°~36°, V-FOV: 58°~20°, D-FOV: 120°~39°** |
| Night Vision | Color /IR |
| **Picture Adjust** | |
| Picture Function | **120 db WDR/DWDR, 2D/3D DNR, BLC, HLC, ROI, Defog** |
| Shutter Speed | Manual (1/3 ~ 1/100.000), Auto |
| Image Parameter Control | Off, On, Timing (Adjust 0 ~ 255) |
| D/N Control | Timing, Auto, Color on, Color off |
| S/N | > 56dB |
| Image Parameter | Saturation, Brightness, Contrast, Sharpness, Hue |
| **Video / Audio** | |
| Video Compression | H.264+(Ultra H.264), H.265+ (Ultra H.265) |
| Audio Compression | G.711A, G.711U |
| Frame Rate(60Hz) | 30fps@ 6MP(3200*1800), 30fps@ 4MP, 90fps@ 2MP |
| Transmission Stream | **Triple Stream** (Video Bit Rate:11 Kbps~16 Mbps) |
| **Network** | |
| Protocols | TCP/IP(V4, V6), ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P, Bonjour, SNMP (V1, V2, V3), UDP, NAT, Multicast, RTMP |
| Compatibility | Onvif Ver2.6, Profile S.G.T, CGI, SDK, API |
| Streaming Method | Unicast, Multicast |
| Web Viewer | Internet Explorer |
| Smart Device | IOS, Android Phone & Tablet |

| Function | |
|---|---|
| Recording | FTP, NVR, CMS, VMS, NAS, SD Card, ANR |
| Record Type | Manual, Motion Detection, Smart Detection, Schedule |
| Alarm Triggers | All Intelligent Function |
| Event Action | Email, PTZ, Snapshot, Recording, Buzzer, Pop up, Show Message. Smart Light |
| Event | Smart Motion Detection, Video Shelter |
| Intelligent Function | 11 Smart Function<br>Line Crossing, Area Intrusion, Region Entrance, Region Exiting, Fast Moving, Loitering Detection, Blurred Detection, Scene Change Detection, Audio exception Detection, Crossing Line Statistics, Face Detection |
| **Interface** | |
| Network | 1 RJ45 (10M / 100M) Ethernet Port |
| Audio | Audio Out, Audio in |
| Alarm | Alarm In, Alarm Out |
| CVBS | N/A |
| Power | PoE LAN, DC In |
| Reset Button | Yes (Optional) |
| Memory Slot | Yes - Micro SD/SDHC/SDXC Slot (256 Gb Max) (ANR Support) |
| **General** | |
| IP Rating | IP67, IK10, 6KV Surge Protection |
| Power Supply | DC12V ± 10% |
| POE Supply | **IEEE802.3af - Max 10 Watt** |
| Web Language | English, Persian |
| Dimension | 275*102*168 mm |
| Weight | 1.2 Kg |
| Operation Humidity | Humidity 95% or less (non-condensing) |
| Operation Temp | -45°C ~ +75°C |
| **Guarantee** | |
| Product Guarantee | 5 Years Gold Guarantee |
| MTBF | 150K hrs min- MIL-HDBK-217F (25°) |
| Certificates | EN, CN, FCC, CFR |