

5MP POE Network Turret Camera with AI Function



- High quality imaging with 5MP resolution
- 7*24 Full Colour
- H.265/H.264
- 2880 x 1620 Mainstream resolution
- Focus on human and vehicle targets classification

Specifications

| Model | OTRAIS500WHTC | | | | |
|-----------------------|---|------------|-------------|---------------|-------------|
| Camera | | | | | |
| Image Sensor | 1/3" 5MP CMOS Sensor | | | | |
| Resolution | 5MP | | | | |
| Effective Pixels | 2880 x 1620 | | | | |
| Lens | Fixed focal lens, 2.8mm / 3.6mm optional | | | | |
| RAM / Flash | 256MB RAM / 128MB Flash | | | | |
| LUX | Color: 0.004Lux@F1.6(AGC ON), B/W: 0 Lux@IRON | | | | |
| Wide Dynamic Range | 120dB | | | | |
| Noise Reduction | Support 2D/3D | | | | |
| DORI | | | | | |
| DORI Distance | Lens (mm) | Detect (m) | Observe (m) | Recognize (m) | Identify(m) |
| | 2.8mm | 44.1.8 | 17.7 | 8.8 | 4.4 |
| | 3.6mm | 58.9 | 23.6 | 11.8 | 5.9 |
| | 6.0mm | 82.8 | 33.1 | 16.6 | 8.3 |
| Angle Adjustment | Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360° | | | | |
| IR Range / Wavelength | Up to 30m | | | | |
| IR LED | 2 | | | | |
| Warm light | 2 | | | | |
| Day / Night | Full Color Mode / Day & Night Mode / Schedule | | | | |
| BLC / White Balance | BLC: On/Off (5 Zones), WB: Auto / Manual | | | | |
| Image Control | Brightness, Chroma, Contrast, Saturation, Sharpness | | | | |
| Encode | | | | | |
| Video Encoding | H.265+ / H.265 / H.264+ / H.264 / MJPEG | | | | |
| Max Resolution | Main Stream@30fps: 5MP(2880*1620), 4MP(2592*1520), 3MP(2304*1296), 1080P(1920*1080), 720P(1280*720) | | | | |
| Sub Stream | Sub Stream@30fps: 720P(1280*720), VGA(640*480), QVGA(320*240) | | | | |
| Third Stream | Mobile Stream@30fps: VGA(640*480), QVGA(320*240) | | | | |

| | |
|-----------------------------|---|
| Bit Rate | 256Kbps-10Mbps, Supports CBR / VBR |
| Audio Encoding | G.711A (8Kbps) / G.711Mu (8Kbps) |
| Reduce Echo | Support |
| Noise Filtering | Support |
| Other Audio Function | Microphone |
| Interface | |
| LAN Ports | RJ45*1, 10M /100M (BASE-T) |
| Network Protocol | TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP |
| Protocol | ONVIF 22.06 Profile-S, Profile-G, Profile-T |
| Security | IP address Filter, Complicated Password, Authenticated Username and Password |
| Streaming Method | Unicast / Multicast |
| Access User | 9 |
| Audio | Microphone |
| Alarm | N/A |
| Storage | Support 256G Micro SD / SDHC / SDXC |
| Hardware Reset | Yes |
| Function | |
| Automatic Maintenance | Support |
| Motion Detection | Multiple Detection Zones, 1-8 Variable Sensitivity Levels, E-mail Alert |
| Mirror Function | Flip / Rotation |
| OSD | OSD Setting, OSD Dragging |
| Privacy Mask | On/Off, (4 Areas, Rectangle) |
| Snapshot | Support JPEG format |
| Security Features | Password, Watermark (Customized) |
| Text Overlay | Channel Name, Date & Time |
| Alarm | Support Network Anomaly |
| Client Soft | IE, Web, VMS Pro Client |
| WEB | IE10/11, Safari V12.1 above, Firefox V.52 above, Google Chrome V.57 above, EdgeV.79above |
| Mobile App | Support |
| P2P | Support iOS / Android / PC |
| Intelligent Analysis | |
| AI Function | Face Detection, Human & Vehicle Detection, Perimeter Intrusion Detection, Line Crossing Detection, Cross Counting, Stationary Object Detection, Heat Map, Rowd Density Detection, Queue Length Detection, License Plate Detection, Rare Sound Detection |
| Face Database | N/A |
| Linkage Method | Upload to NAS / Memory Card / FTP, Notify Surveillance Center, Trigger Record, Trigger Capture, E-Mail |
| General Parameter | |
| Protection Level | IP67 |
| Temp. / Humidity | -30°C--+60°C / within 95% RH |
| Power Consumption | < 3W |
| Power Supply | DC12V 2A / POE Max. 9W (IEEE802.3af) |
| Dimension / Weight | 90(L)*69(H)mm / 0.6KG |

Dimensions

