

5MP POE Network Dome 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	OTRAIS500WHDC				
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	115(L)*91.6(H)mm / 0.6KG

Dimensions

