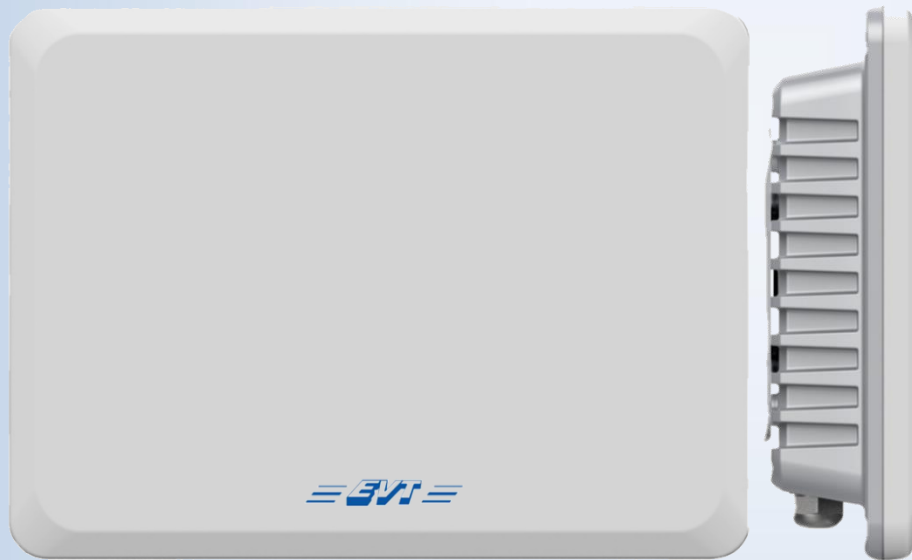




- 24/7 Real-time Protection
- IP66 Waterproof, Dustproof, Anti-fog/haze/snow
- 3D, 360-degree Identification within 1m²-100m²
- ONVIF Conformant – PoE Ready
- Obtain Target's Type, Position, Distance, Speed

EVT-ASR100-3D

3D Analytical Surveillance Radar



ONVIF®

CE FCC RoHS

EVT-ASR100-3D ANALYTICAL SURVEILLANCE RADAR

Parameters

Detection Target	Animal, Human, Vehicle
Identification Mode	Radar triggers alarm and link with ptz camera for target double check
Detection speed	-30m/s~30m/s
Detection range (Pedestrian)	1.5~100m
Detection range (Passenger vehicle)	1.5~160m
Distance resolution	1m
Coverage	Max : 20000 m ² , Min : 0.5 m ²
Detection rate	99% (RCS 1m ² human target at speed of 0.5m/s)

Radar Characteristics

Radar Sensor	FMCW
Radar output data	Distance, direction, angle
Transmission Frequency	24.05~24.20GHz
Power	<100 mW (20dBm)
Angle accuracy	±1°
Refresh rate	8Hz
Distance accuracy	0.5m
Beam width /Tx	Azimuth : 90° Elevation : 13°
Radar dimension	194×158×49mm
Power supply	12V DC、PoE
Power consumption	12W
Working temperature	-40~75°C
Storage temperature	-60~85°C

Camera Compatibility (Minimum)

Camera type	Minimum; 2M pixel, IR HD IP PTZ camera
Sensor	1/2.8" Progressive Scan CMOS
Max image size	1920*1080
Lens	5.2-104mm,20X(optical)
IR	150m
Video compression standard	H.265/H.264/MJPEG

Audio

Audio streaming	Audio output via edge-to-edge technology
Audio input/output	Network speaker pairing

System Physical Characteristics

Interface	Ethernet, (POE also supported by radar)
Weight	1.1kg
Protection grade	IP66
Installation Height	Radar 2m camera >3m
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	5-Years

Software

Protect zone setting	support customized protect zone drawing, timing deployment and withdraw
Map	Support static map
Access classification	Support different level of access Classification
Alarm	Alarm prompt tone
Alarm record playback	Support alarm record, customized search model and Excel sheet export
Support camera protocol	IPv4/IPv6,HTTP,HTTPS,802.1x,Qos,FTP,SMTP,UPnP,SNMP,DNS,DDNS,NTP,RTSP,RTCP,RTP,TCP/IP,DHCP,PPoE,Bonjour,ONVIF
Data stream	Data with target location and speed

Approvals

Radio

EN 300440, EN 301489-1, EN 301489-51, EN 62311,
FCC Part 15 Subpart C

EMC

EN 55032 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2,
EN 61000-6-4, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), KC KN32 Class A, RCM AS/NZS CISPR 32 Class A, VCCI Class B, EAC

Safety

IEC/EN/UL 62368-1, IEC/EN/UL 60950-22
Environment
IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14,
IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66,
IEC/EN 62262 IK08, NEMA 250 Type 4X

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