

Dual Lens Splicing Camera

TVT-D180-8MP

8MP 180° Network Camera with fixed 2.8mm lens



Arrowhead
Alarm Products



Features

- 180° Network Camera
- Max.resolution: 8MP (4640 × 1760)
- ICR auto switch, true day / night vision
- DC12V/PoE power supply
- IP66 Outdoor ready
- 3D DNR, WDR, HLC, BLC and ROI coding
- Up to 30 m IR night view distance - up to 20m white light distance
- Smartphone ready with iOS and Android
- Multiple smart events can be enabled at the same time
- Blue and red light warning (flashing alternately)
- User-defined warning voice import
- Dual system backup



SPECIFICATIONS

Model	TD-9585E3B-DP			
Specifications				
Camera				
Image Sensor	1 / 2.7 " Progressive Scan CMOS × 2			
Image Size	4640×1760			
Electronic Shutter	1 / 3 s ~ 1 / 100000 s			
Iris Type	Fixed Iris			
Min. Illumination	0.0032 lux@F1.6, AGC ON; 0 lux with LED ON			
Lens	2.8mm @F1.6			
Field of View	Horizontal: 180°±5°; Vertical: 66°			
Lens Mount	M12			
Day & Night	Auto			
Wide Dynamic Range	Digital WDR			
BLC	Yes			
HLC	Yes			
Defog	No			
S/N Ratio	≥50dB			
Digital NR	3D DNR			
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~75°; Rotation: 0°~360°			
Image				
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG			
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile			
Resolution	8MP (4640×1760), 6MP (3632×1632), 4MP (3200×1200), 2MP (2304×864), 2048×768, 1920×720, 1600×608, 1200×448, 960×368, 640×240			
Main Stream	8MP/6MP/4MP/2MP(60Hz: 1~30fps; 50Hz: 1~25fps)			
Sub Stream	2MP/2048×768/1920×720/1200×448(60Hz: 1~30fps; 50Hz: 1~25fps)			
Third Stream	1600×608/1200×448/960×368/640×240(60Hz: 1~30fps; 50Hz: 1~25fps)			
Bit Rate	64 Kbps ~10Mbps			
Bit Rate Type	VBR / CBR			
Audio Compression	G711A / U			
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, NR, etc adjustable through client software or web browser			
ROI	Each ROI to be configured separately			
Interfaces				
Network	RJ 45 10M/100M self-adaptive Ethernet port			
Video Output	No			
Audio	1CH audio input; 1CH audio output; 1CH built-in speaker; 2CH built-in MICs			
Storage	Built-in micro SD card slot; up to 256GB			
Reset	Yes			
Alarm	1CH alarm input; 1CH alarm output			
Intelligent Analytics				
Smart Event	Line crossing, region intrusion/entrance/exiting (human/vehicle classification), loitering detection, illegal parking detection, abandoned/missing object detection			
Statistics	Target counting by line/area, heat map			
Exception Detection	Scene change, video blur and abnormal color detection, audio exception			
Face Detection	Face detection and face capture			
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 4 motor vehicle features and 1 non-motor vehicle feature			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	60m(196ft)	24m(79ft)	12m(39ft)	6m(20ft)
Functions				
Remote Monitoring	Web Browser/TVT NVMS2.0/NVR/mobile APP			
Web Browser	Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+			
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission			

Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, P2P, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SMD, SD card error, SD card full, IP address conflict, Network disconnection, sensor alarm, audio alarm, light alarm
General Function	Watermark, video mask, heartbeat, ANR, cloud upgrade
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and token authentication for HTTP/RTSP
PoE	Yes, IEEE802.3af
Supplement Light Range	IR Range: up to 30m; White light range: up to 20m
Ingress Protection	IP66
Others	
Power Supply	DC12V/PoE
Power Consumption	PoE: max. 10.2W; DC12V: max. 9W
Storage Conditions	- 30 °C ~ 65 °C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Operating Conditions	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
Dimensions (mm)	Ø 111.5 × 102.2
Weight (net)	Approx.0.719KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)

Accessories

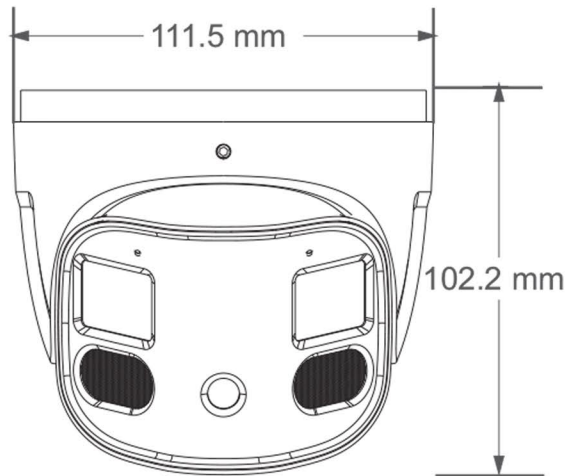
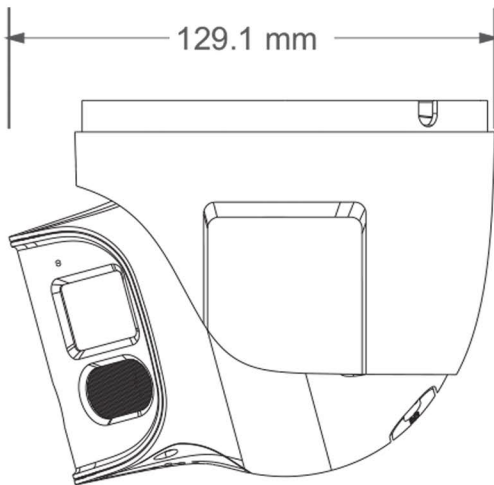


TVT-YXH0302



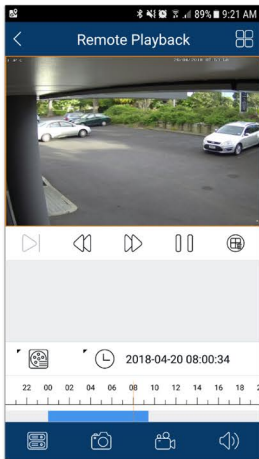
TVT-YZJ0203

TVT-YXH0302 &
TVT-YZJ0811

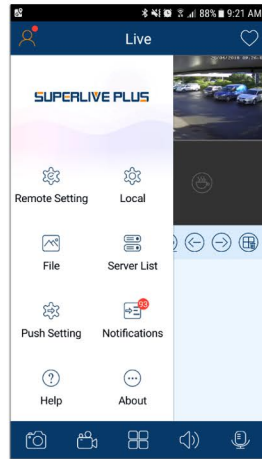


Smartphone App SuperCam Plus

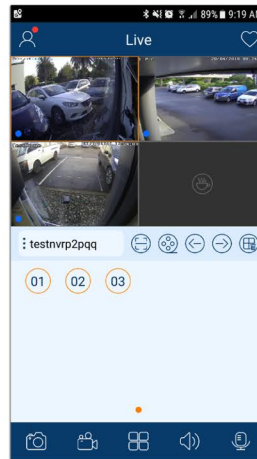
Search/Playback



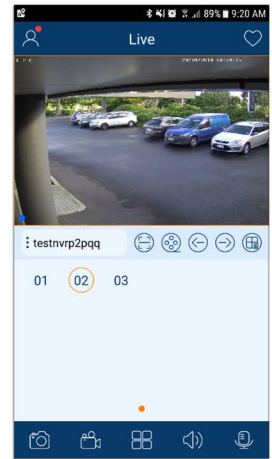
General Settings



Select Camera



Single Camera View



SuperCam Plus

