AMX-5E15-3-VT

Thermal Network Turret Camera

5MP | **H.265+** | **WDR** | **EXIR** | **IP66** | (SD card)

(face detection) | (fire) | (alarm) | (anti-vandal) | (temperature)

THERMAL

- ▸ Resolution: 256×192
- ▸ 12 μm, NETD: ≤50 mK (@25 °C, F#=1.0)
- ▸ Temperature range: -20 °C ~ 150 °C
- ▸ Multi-palette: white hot, black hot, iron oxide red, etc.
- ▸ Sound and light warning, temperature exception alarm, fire detection

MODEL(S) AVAILABLE

OPTICAL

- ▸ 5MP (2592×1944) @ 30 fps
- ▸ ICR auto switch, true day/night vision
- ▸ 20~30m IR night view distance
- ▸ 3D DNR, true WDR (120dB), HLC, BLC, Smart IR, distortion image correction, ROI etc.
- ▸ Intelligent analytics: intrusion detection (human/vehicle classification), line crossing detection (human/vehicle classification), scene change detection, video exception detection, target counting(human/vehicle classification), face detection, face capture

Product Specifications

Thermal Module

Detector Type	12 µm 256×192 Vanadium oxide uncooled focal plane detector
Response Waveband	8 µm - 14 µm
NETD	≤ 50 mK (@ 25 °C, F#=1.0)
IRIS Type	Fixed Iris
Lens	3.2 mm @ F1.1
Field of View	56° × 42.2°
Min. Focusing Distance	0.5 m
Color Palettes	Black hot, White hot, Iron oxide red, etc.

Visible Light Module

Image Sensor	1/2.7" CMOS
Image Size	2592×1944
Electronic Shutter	1/3 s ~ 1/100000 s
Iris Type	Fixed Iris
Min. Illumination	0.02 lux @ F1.6, AGC ON; 0 lux with IR
	0.03 lux @ F2.0, AGC ON; 0 lux with IR
Lens	4 mm @ F1.6
Field of View	81° × 56.7°
Wide Dynamic Range	120 dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR

Image

Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
Bit Rate Type	VBR/CBR
Bit Rate	128 Kbps ~ 8 Mbps
Resolution	Thermal: 256×192
	Optical: 5MP (2592×1944), 4MP (2592×1520), 2K (2560×1296), 1080P (1920×1080), 720P (1280×720), D1, CIF, 480×240
Main Stream	Optical: 60 Hz: 5MP/4MP/2K/3MP/1080P/720P (1~30 fps); 50 Hz: 5MP/4MP/2K/3MP/1080P/720P (1~25 fps)
	Thermal: 60 Hz: 256×192 (the resolution of output image is 720P) (1~30 fps); 50 Hz: 256×192 (the resolution of output image is 720P) (1~25 fps)
Sub Stream	Optical: 60 Hz: 720P/D1/CIF (1~30 fps); 50 Hz: 720P/D1/CIF (1~25 fps)
	Thermal: 60 Hz: 256×192 (the resolution of output image is 720P) (1~30 fps); 50 Hz: 256×192 (the resolution of output image is 720P) (1~25 fps)
Third Stream	Optical: 60 Hz: D1/CIF/480×240 (1~30 fps); 50 Hz: D1/CIF/480×240(1~25 fps)
	Thermal: 60 Hz: 256×192 (the resolution of output image is 720P) (1~30 fps); 50 Hz: 256×192 (the resolution of output image is 720P) (1~25 fps)

Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, NR, etc. adjustable through client software or web browser
Audio Compression	G711A/U
ROI	8 regions; each ROI to be configured separately

Interfaces

Network	RJ45
Audio	1 CH 3.5 mm MIC/LIN in audio input; 1 CH built-in speaker
Storage	Built-in micro SD card slot; up to 256 GB
Reset Button	Yes
Alarm	1 CH alarm input; 1 CH alarm output

Functions

Temperature Range	-20 °C ~ 150 °C (-4 °F ~ 302 °F)
Temperature Accuracy	± 8 °C
Temperature Alarm	Over temperature alarm, low temperature alarm
Temperature Measurement	10 rules in total (Point: up to 10, Line: 2, recommended, Area: 2, recommended)
Fire Detection	Dynamic fire detection, up to 10 fire points detectable
Remote Monitoring	Web browser/NVMS2.X/Mobile APP
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, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 802.1x, UPnP, HTTPs, QoS
Smart Alarm	Motion detection, SD card error, SD card full, IP address conflict, Cable connection
Intelligent Analytics	Optical: intrusion detection (human/vehicle classification), line crossing detection (human/vehicle classification), scene change detection, video exception detection, target counting (human/vehicle classification), face detection, face capture Thermal: fire detection, temperature exception alarm
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction
Sound & Light Warning	White light flashing alarm and sound alarm supported
PoE	Yes , IEEE802.3 af, class 0
IR Distance	20 ~ 30 m
Protection	IP66

Others

Power	12 V DC / PoE, < 9W
Operating Environment	-30 °C ~ 60 °C (-22 °F ~ 140 °F) Humidity: less than 95 % (non-condensing)
Certificate	CE, FCC
Dimensions	Ø111.5 mm × 99.6 mm
Net Weight	Approx. 0.68 kg
Installation	Ceiling mounting; Wall mounting

111.50mm

99.60m m

99.60m m

111.50mm