Smart Security Network Thermal Camera
(Observation Type)



- Person / Vehicle / Animal Detection & Alarm
- RTSP / ONVIF Protocol
- 256 / 384 / 640 Resolutions
- Horizontal FOV 18°–110° Optional
- 4-Channel Synchronized Detection
- Flexible Region Linkage Alarm

Application Scenarios

Widely used where ordinary surveillance performs poorly: outdoor pasture, marine farming, oil fields, glare or dusty sites, reservoirs, and unattended night operations.



Pasture Monitoring Intruding



Animal Detection



Zoo Management



Oilfield Surveillance



Fishing-site Monitoring



Beach Management



Traffic & Security Fishery



Theft Monitoring



Rail Transit

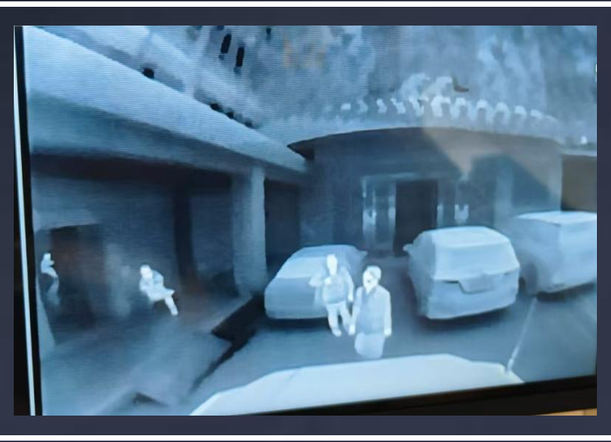
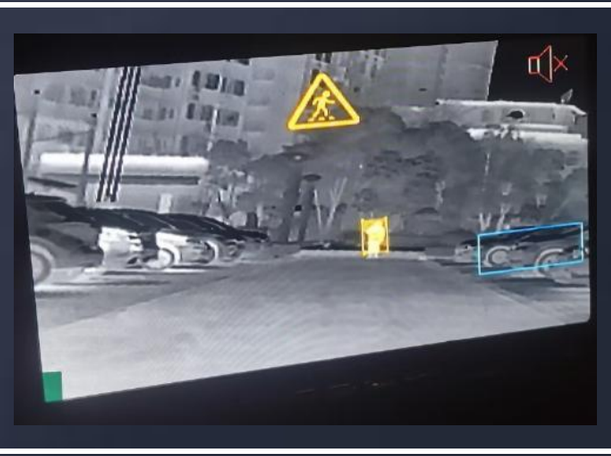
Specifications

VERYTEK

Product Name	AI Thermal Network Camera								
Thermal Configuration									
Resolution	256*192			384*288		640*512			
Model	TN2-2	TN2-4	TN2-9.1	TN3-4	TN3-9.1	TN6-4	TN6-4.6	TN6-9.1	TN6-13
Focal Length	2mm	4mm	9.1mm	4mm	9.1mm	4mm	4.6mm	9.1mm	13mm
FOV	100*70°	45°33°	18°13°	66°55°	29°22°	110*88°	95*76°	45°37°	34°27°
Night Range (P)	40m	94m	236m	150m	214m	85m	108m	214m	306m
Night Range (V)	70m	138m	347m	240m	315m	140m	159m	315m	451m
AI Range (P)	15m	60m	100m	70m	100m	50m	60m	80m	100m
AI Range (V)	30m	100m	200m	120m	200m	90m	100m	200m	200m
AI Range (Animal)	10m	40m	60m	45m	60m	35m	40m	50m	60m
Window / Defrost	Supported (not for 100°/110°/95° wide FOV)								
Detector Type	VOx Uncooled IR FPA Detector								
Spectral Band	8~14μm / 12μm								
NETD	≤40mK @25℃，F#1.0								
General									
Main Controller	3 TOPS NPU								
AI Features	Person / Vehicle / Animal Detection, Ranging, Custom Alarm Regions, Multi-region Linkage Alert								
Alarm Output	Built-in Alarm Speaker; Browser Alarm; High-level Alarm Output								
Local Recording	Supported								
Network Protocols	RTSP, ONVIF, DHCP (with alarm output)								
Image Mode	Default White-hot; 7 Palettes; Adjustable Brightness / Contrast								
Remote Upgrade	Supported								
Storage Temp.	-35°~75°								
Operating Temp.	-30°~70°								
Voltage	DC12V								
Power	<6W								
WIFI	Supported (Optional)								
Dimensions	L235*W75*H70mm								
Weight	Approx. 500g								
Note: Person 1.7m H, Vehicle 2.5m W, Animal 1.5m H									

Performance by Model

VERYTEK

Model	Image		
TN2-2			
TN2-4			
TN2-9.1			
TN3-9.1			
TN6-4.6			
TN6-9.1			
TN6-13			