



ST-U75

Intelligent Thermal Camera

Product's Overview

Thermal Camera can be used for detailed observation of the targets discovered by the thermal imaging at night, to form infrared thermal image detection, that suitable for long-range target monitoring under all-weather conditions.

Features

- 640x512 Thermal resolution
- 75mm fixed lens
- IP66
- Intelligence Function



Technical Specifications

Thermal Camera

Sensor	UFPA, 7-14um spectral response
Resolution	640*512
Spectral Response	7 - 14μm
NETD	40mK (@25+45°C) F4.0
Pixel Size	17um
Image Processing	Image enhancement: SDE; Color: White hot/Black hot; Digital zoom: 2X, 4X Correction: Integrated internal NUC, external optical NUC Brightness and contrast: AGC, adjustable
Frame Rate	30 FPS
Frequency	30 Hz

Thermal Lens

Focal Length	75mm
Detection (2.3m * 2.3m)	6,300m
Recognition (2.3m * 2.3m)	1,800m
Detection (1.8m * 0.6m)	2,500 m
Recognition (1.8m * 0.6m)	700 m

Intelligence Function

Regional intrusion detection	Support
Cross-border intrusion detection	Support
Motion Detection	Support

Housing

Material	Integral aluminum alloy
Structure	Integral double window
Connector	Waterproof aviation connector
Ingress Protection	IP66

Interface

Network	1 way RJ45, 10/100 Base-T adaptive
Communication protocol	Ethernet
Video	Analog composite (PAL o NTSC) Digital (IP video stream H264, ONVIF)
Protocol	support TCP/IP, UDP, IPv4/v6; support HTTP, RTP, RTSP, NFS, DHCP, NTP, ONVIF 2.0
Physical interface	Alloy waterproof aviation plug

Environment

Working temperature	- 35°C ~ + 65°C
Storage temperature	-40°C ~ + 70°C
Humidity:	Less than 95%
Anti salt fog	Support
Anti-corrosion	Support
Lightning protection	Support
Ingress Protection	IP66
Power supply:	110-220V±20V, 50HZ±5HZ
Power Consumption	Max 80W

*ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.



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