



Vi-Link

Fiber Optic Communications

Body Temperature Measurement & Face Recognition Tablet Camera WiFi PC Remote Monitoring

Thermal Camera Equipment

Model TC150



Product Description

Vi-Link HD IP Thermal Camera: The TC150 is a Tablet Body Temperature Measurement and Face Detection Thermal HD Network Camera for Public Health Control applications. The Tablet camera provides faces tracking, scoring, multi-frame recognition, automatic filter along with the temperature and output the optimal face. The information can be recorded and playback with built in 30,000 faces in database.

The TC150 Video resolution supports H.264, H.265 and MJPEG dual coding, three-code stream up to 1920p x 1080p at 30fps. It also supports ONVIF, GB/T28181 and other network protocol.

The TC150 provides an 10/100M Ethernet TX port for connecting to the Network with single IP scheme, network expansion ability, easy access to various video surveillance platforms.

The TC150 Software is an open system, It can provide Linux, Windows SDK development package and CGI protocol, rapid secondary development

Applications include airport health control environments, public transportation such as Metro and inner bus stations, Hospital Emergency room, military bases and government buildings, enterprises and institutions, banks, shopping centers and supermarkets.

Features

- Thermal Optical Bi-Spectrum Face Recognition
- Built-in high accuracy Thermal Infrared Module, Precision +/- 0.3°C
- Temperature Measurement range: 35°C ~ 42°C
- Temperature Field of View 33°
- HD Video Resolution up to 1920p x 1080p @ 30fps
- Optical Field of View 118°
- 8 Inch LCD Display
- Faces Capture Capacity Up To 30,000 Database
- H.265 Main Profile, H.264 High Profile, MJPEG
- Network Interface 1 x 10/100M Ethernet
- Temperature Alarm: High Limit, Low Limit, Regional Temperature Exception

Applications

- Airport Security Health Control
- Public Transportation Metro
- Inner City Bus Stations
- Government Buildings
- Enterprises and Institutions
- Shopping Centers and Supermarkets

Ordering Information

Model	Descriptions
TC150	Body temperature Measurement & Face Recognition Tablet Thermographic Camera



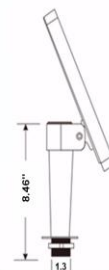
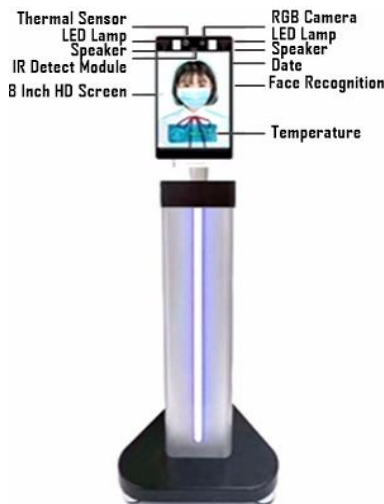
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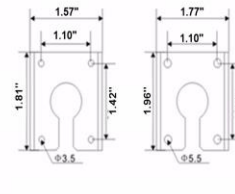
Infrared Thermal Imagery:	
Image Resolution	80p x 60p
Field of View	33 ⁰
Spectral Range	8.14 um
Measurement Range	35 ⁰ C ~ 42 ⁰ C
Temp Measurement	+/- 0.5 ⁰ C Accuracy
Sensitivity	<50 mK
Temperature Alarm	High, Low Temperature Limit, Regional Temperature Exception
Network:	
Interface	1 x 10/100M Ethernet (RJ45)
Digital Interface	1 Channel
Support Protocol	RTSP, RTP, TCP, UDP, UPNP, DHCP, ONVIF, GB/T28181
Audio Alarm	1 Channel
Environment:	
Operating	-20 ⁰ C to +60 ⁰ C
Storage	-40 ⁰ C to + 90 ⁰ C
Humidity	98% Non-Condensing
Physical:	
Dimesion	8.5" x 5" x 1"
Power:	
Standalone	+12 VDC

HD Video Image:	
Display	8 Inch LCD
Image Resolution	1920p x 1080p
Lens	3.6 mm
Mini Lux	0.005 Lux @ F1.2 (color), 0.001 Lux @ F1.2 (B/W)
WDR	>120 dB
S/N	>46 dB (AGC Off)
Field of View	118 ⁰
Noise Reduction	2DNR, 3DNR
Day & Night	Color/B/W
White Balance	Auto, Indoor, Outdoor
Video Compression	H.265/H.264, MJPEG
Stream	CBR, VBR (32Kbps ~ 10Mbps)
Audio Compression	G711, PCM
Character Overlay	Name, Date, Time
Face Capacity	Built-in 30,000 Faces Database
Recognition Speed	<300ms
Live Detection	Support
Temperature Detect	Global and Regional
Abnormal Alarm	High, Low Temp Limitation, Area Temp Different Measurement

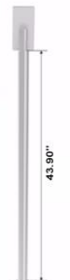
Application



Gate Stand



Wall Mount



Column Bracket

Typical TC150 In Access Control Application