Overview

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 Bus Stations
- Government Buildings
- Hospital Emergency Rooms
- Enterprises and Institutions
- Residential Communities
- Shopping Centers and Supermarkets

Order Information

<table>
<thead>
<tr>
<th>Model</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC150</td>
<td>Body temperature Measurement &amp; Face Recognition Tablet Thermographic Camera</td>
</tr>
</tbody>
</table>
Infrared Thermal Imagery:
- Image Resolution: 80p x 60p
- Field of View: 33°
- Spectral Range: 8.14 μm
- Measurement Range: 35°C ~ 42°C
- Temp Measurement: +/- 0.5°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°C to +60°C
- Storage: -40°C to +90°C
- Humidity: 98% Non-Condensing

Physical:
- Dimension: 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°
- 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

All statements, technical information and recommendations related to the products herein are based upon information believed to be reliable or accurate at the time of publication. However, the accuracy or completeness of the information given is not guaranteed and no responsibility is assumed for any inaccuracies. Please contact Vi-Link, Inc. for more information. Vi-Link, Inc. and Vi-Link Logo are trademarks of Vi-Link, Inc.