Overview

Vi-Link HD IP Thermal Camera:
The TC300 is an Indoor/Outdoor Body Temperature Measurement and Face Detection HD Network Camera for Public Health Control applications. It is designed to provide full screen body temperature measurements and faces recognition with depth learning algorithm to detect and capture up to 30 faces simultaneously. The 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 50,000 faces in database.

The TC300 HD 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 TC300 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 IP67 Case of the camera allows the users to install it inside the building or outside of the building.

The TC300 Software is an open system, It can provide Linux, Windows SDK development package and CGI protocol, rapid secondary development.

Features

- Thermographic Temperature Detection
- Full Screen Temperature Measurement
- Selectable Temperature range: -15℃ to +150℃
- Thermal View Angle Horizontal 35°, Vertical 27°
- Temperature Measurement Accuracy = +/- 0.3℃
- HD Video Resolution up to 1920p x 1080p
- Picture View Angle Horizontal 84°, Vertical 45°
- Support H.265+, H.265/H.264, +MJPEG Dual Coding, Three Code Stream
- 20-30 Faces Detect and Capture simultaneously
- Built In 50,000 Faces capture for Recording and Playback Database
- Network Interface 1 x 10/100M Ethernet TX
- Temperature Alarm
- IP67 Case for Indoor/Outdoor Installations

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

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<td>Body temperature Full Screen Measurement &amp; Face Recognition Thermographic Binocular HD IP Camera</td>
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**Specifications**

**Infrared Thermal Imagery:**
- **Image Resolution:** 256p x 192p
- **Len:** 2 mm
- **Sensor:** 12 um
- **Temperature Range:** -15°C ~ 150°C
- **Temp Measurement:** +/- 0.3°C Accuracy
- **Full Screen Temp Measurement:** Auto Tracking Max Temp and Min Temp of Screen
- **Temp Selection:** Manual Temp Range Selection
- **Picture:** White Heat, Black Heat, Fusion, Rainbow, Red, Iron, Amber

**Environment:**
- **Opering:** -20°C to +60°C
- **Storage:** -40°C to +90°C
- **Humidity:** 98% Non-Condensing

**Physical:**
- **Dimension:** 10” x 4” x 3.5”
- **Camera Case:** IP67

**HD Video Image:**
- **Image Sensor:** 1/2.8 2.0M CMOS
- **Image Resolution:** 1920p x 1080p
- **Lens:** 4 mm
- **Mini Lux:** 0.005 Lux @ F1.2 (color), 0.001 Lux @ F1.2 (B/W)
- **WDR:** >80 dB
- **S/N:** >46 dB (AGC Off)
- **View Angle:** 84° (H), 45° (V)
- **Pace Snapshot:** The built-in deep learning AI algorithm supports the simultaneous detection of 20-30 faces, face detection, exposure, scoring, screening, capture upload, support FTP, HTTP and other ways to upload face, head and shoulder, upper body, whole body, original picture and other pictures.
- **Face Recognition:** Built-in 50,000 Faces Database
- **Temperature Detect:** Global and Regional
- **Abnormal Alarm:** High, Low Temp Limitation, Area Temp Different Measurement

**Power:**
- **Standalone:** +12 VDC

**Application**

- **Ethernet CAT5/6 Cable**
- **Full Screen Human Body Temperature Scan**

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