



Vi-Link

Fiber Optic Communications

Medical-Grade Wrist Temperature Measurement & Face Recognition Tablet Camera With Wi-Fi

Thermal Camera Equipment

Model TC120



WiFi

Wrist Thermal Sensor

Applications

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

Product Description

Vi-Link TC120: is an 8" Tablet Wrist Temperature Measurement Terminal integrates the industry-leading visible + NIR binocular camera, deep learning face recognition technology and high-accuracy infrared temperature measurement technology. On the basis of face recognition identity access authentication management, it supports non-touch temperature measurement, rapid screening, automatic alarm and automatic detection of mask wearing or not. **Compared with the problems of long temperature measurement time, low accuracy and complicated operation of the touch thermometer, this tablet measures the fixed point temperature of the wrist, obtains the human body temperature after infrared temperature correction algorithm and body temperature compensation algorithm, adopts medical grade temperature measurement solution with average speed 80ms, ±0.2°C accuracy.** 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 100,000 faces in database. The 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 TC120 provides 2.4 G Network card and 10/100M Ethernet TX port for connecting to the Network with single IP scheme, network expansion ability, easy access to various video surveillance platforms. Wiegand interface and Alarm output for access control system.

Features

- Wrist Temperature & Face Recognition
- Built-in high accuracy Thermal Infrared Module.
- Medical-Grade Measurement Accuracy +/- 0.3°F
- Temperature Measurement range: 73°F ~ 115°F
- Measurement Distance: 2 cm
- HD Video Resolution up to 1920p x 1080p @ 30fps
- 8 Inch LCD Display View Angle 60° (V), 40° (H)
- Built-in 16 GB (22,400 Pages)
- Faces Comparison Up To 100,000 Faces
- H.265 Main Profile,
- H.264 High Profile, MJPEG
- 2.4 G WiFi Interface
- USB for ID and other Devices
- Wiegand Output, Audio Output
- Alarm Output (Relay Contact)
- Temperature Threshold Adjustable

Ordering Information

Model	Descriptions
TC120	Wrist temperature Measurement & Face Recognition 8" Tablet Camera With WiFi Interface



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Technical Specifications

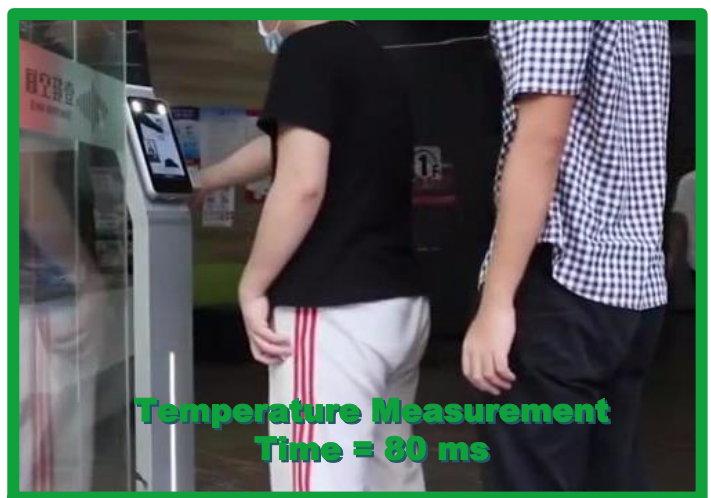
Thermal Camera Equipment

Model TC120

System:	
Processor	DSP Hi3516DV300
Body Detection	Visible + NIR Binocular Camera
Face Library	Built-In 16 GB (22,400 Faces)
Face Comparison	Up to 100,000 Paces
Temp Measurement	+/-0.2°C (+/- 0.3°F) Accuracy
Mask Detection	Mask Wearing Alert
Multiple Recognition	Face & Temperature Recognition
Voice Broadcast	Face Recognition Authentication Result, Temperature Normal, Abnormal, Mask wearing Alert
Interface:	
WiFi	2.4 G Network
Ethernet	10/100M (RJ45)
Device ID	USB
Audio	Audio Output
Access Control	Wiegand Output, Relay Contact
Physical:	
Dimension	8.5" x 5" x 1"
Weight	4 lbs
Power:	
Standalone	+12 VDC @ 1 Amp

Infrared Thermal Image:	
Image Resolution	Infrared
Measurement Type	Non-Touch Wrist Temperature
Measurement Range	23°C ~ 46°C (73°F ~ 115°F)
Medical-grade	+/-0.2°C (+/- 0.3°F) Accuracy
Measure Distance	0.01 ~ 0.05m (0.4" ~ 2")
Temperature Alarm	Abnormal Temperature Alarm Threshold Adjustable
HD Video Image:	
Sensor Type	1 / 2.8" Progressive Scan CMOS
Image Resolution	2.0 MP 1920p x 1080p
Lens	3.6 mm
Mini Lux	0.01 Lux @ F1.2 (color), 0.001 Lux @ F1.2 (B/W)
WDR	>80 dB
S/N	>50 dB (AGC Off)
View Angle	60° (V), 40° (H)
Video Compression	H.265/H.264, MJPEG
Environment:	
Operating	-20° C to +50°C
Storage	-40°C to + 90°C
Humidity	98% Non-Condensing

Application



Typical TC120 In Access Control Application