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TOCHI ERTVIO-080 KEEPS THE FEVER AWAY

TOCHI ERTVIO-080 is the first temperature measurement & face recognition access management module with a genuine algorithm that enables real-time multi-point and multiple temperature collection.

All you need to set the body temperature threshold and it will check body temperatures of the people passing through the gates and it won't grant access for the ones with above that limit (as well as blacklisted people and strangers). No human interaction, no human contact. Hassle-free.



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It has a high-performance hardware platform, equipped with industrial-grade binocular wide camera and face biometric technology, as well as infrared thermal imaging module.

It also supports an expansion of various peripherals such as ID card readers, fingerprint readers, etc. which can be applied to gate passages and access control attendance to achieve safe and efficient access control.



TOCHI ERTVIO-080 is a comprehensive solution can be used in residential communities, shopping malls, schools, office and government buildings and many more public buildings and areas such as stations.

FEATURES

- **Intelligent body temperature monitoring** real-time display of synchronized temperature data over video; non-contact measurement of body temperature (0.3M--1.5M).
- **High Accuracy** It can measure body temperature with an accuracy of ± 0.2 in 1m range.
- **AI Face Recognition and Comparison** (0.3M-1.5M) based on Face++ AI algorithm, uses the recognition result to control the door opening action or prompt the voice alarm. It supports 3W face database. The 1:1 comparison recognition rate is more than 99.7%, the 1:N comparison recognition rate is more than 96.7% with a less than 1 second face recognition pass speed.
- **Portrait database capacity** is 30,000 faces. Accurate face recognition and comparison while
- **Extensive expansion capabilities** with the support for ID card reader, fingerprint reader, IC card reader, two-dimensional code reader and other peripheral expansion.
- **Solid design** Industrial-grade appearance, waterproof and dustproof design, stable and reliable.

Model		ERTVIO-080
Camera	Resolution	200W pixel
	Type	Binocular wide dynamic camera
	Focusing distance	50-150cm
	White balance	automatic
Screen	Size	8.0inch IPS LCD
	Resolution	800×1280
Processor	CPU	RK3288 Quad core /RK3399 six core /MSM8953 eight core
Parts	Memory	EMMC 8G
Light	Fill light	LED and IR dual fill light
Interface	Network module	Supports Ethernet and wireless (WIFI)
	Audio	Supports 2.5W/4R speaker
	USB port	1 x USB OTG, 1 x USB HOST standard A port
	Serial communication interface	1 x RS232 Serial port
	Relay output	1 door open signal output
	Wiegand interface	One Wiegand 26/34 output, one Wiegand 26/34 input
	Upgrade button	Supports Uboot upgrade button
	Wired network interface	1 x RJ45 Ethernet socket
Function	Face Detection	Supports detection and tracking of multiple people at the same time
	Face library support	Up to 30,000
	1: N face recognition	Supports
	1: 1 face comparison	Supports
	Stranger detection	Supports
	Identify distance configuration	Supports
	UI interface configuration	Supports
	Remote device upgrade	Supports
	Device interface	Interfaces include device management, personnel / photo management, record query, etc.
	Deployment method	Supports public cloud deployment, privatized deployment, LAN use, stand-alone use
Infrared thermal imaging module	Human temperature detection	Supports
	Temperature detection distance	1 Meter
	Temperature measurement accuracy	≤ ±0.2°C
	Temperature measurement range	10°C~42°C
	Thermal Field of View	32 X 32 °C
	If visitor temperature is normal grant access	Supports
	Body temperature over the limit alarm	Supports (body temperature alarm value can be set)
Working Environment	Protection class	IP65, outdoor dustproof and waterproof
	Power	DC12V (±10%)
	Operating temperature	- 10°C~60°C
	Storage temperature	-20°C~60°C
	Power consumption	13.5W (Max)
	Installation method	Gate bracket installation
	Net size	238.24*128*25 (mm)
	Net Weight	1.45kg

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SİSTEM R BİLİŞİM SAN. TİC.A.Ş.
Atakent District Atakan street Ümit Doğanay Avenue No: 9 34760
Ümraniye / İstanbul