

Product specification for TNT2-1 face temperature measurement

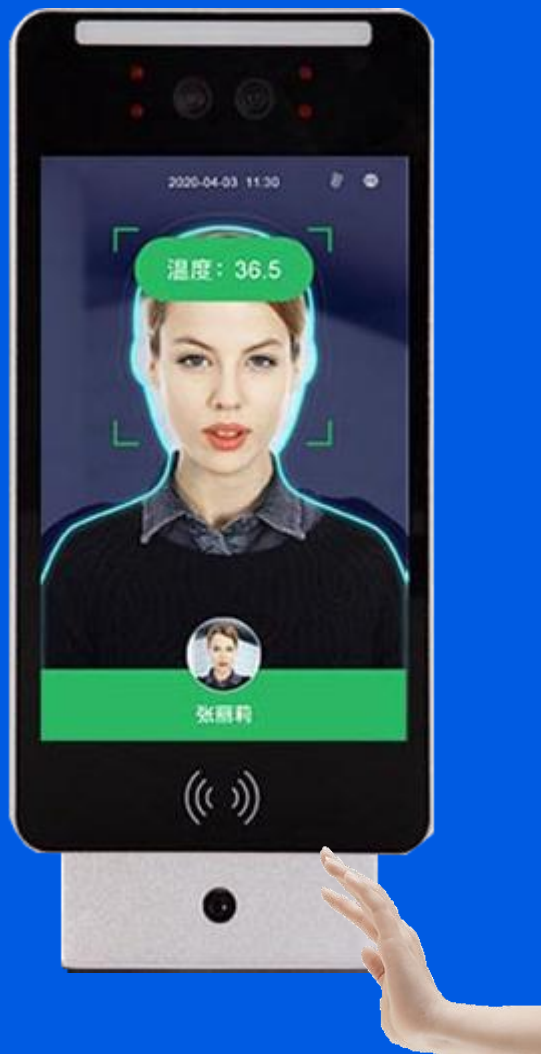
Algorithm enabling AI edge computing + face recognition landing in smart city

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TNT2-1 product introduction



- Using Hisilicon AI processor + computing power up to 1t + Tencent optimal graph algorithm
- 8-inch IPS full view LCD display
- Industrial appearance, waterproof and dustproof design, stable and reliable
- Industrial grade binocular wide dynamic camera, infrared and led dual light supplement at night
- Support 3W face database. 1: Under the condition of n face recognition $\leq 0.2s/person$, the accuracy is greater than 99.7% under the condition of 3 / 10000 false recognition rate
- Support the maximum 10cm hand temperature detection, with an error of $\pm 0.5^\circ$. Support and automatic temperature alarm, second level detection speed
- It supports the extension of various peripheral devices such as ID card reader, fingerprint instrument, IC card reader and QR code card reader
- Support system level, APP offline level, APP + background network level multiple API docking, complete documentation, support secondary development

TNT2-1 Product parameters



camera	resolving power	200W pixels
	Type	Binocular wide dynamic camera
Screen	Dimensions	8.0 "IPS LCD
	resolving power	800x1280
processor	Haisi	Hi3516DV300
Storage	Running memory	RAM 1G
	Local storage	EMMC 8G
Accessories	fill-in light	LED and infrared double fill light
Interface	USB interface	1-way USB OTG standard a-seat
	Serial communication interface	One RS232 serial port
	Wigan interface	One way Wigan 26 / 34 input
	Wired network interface	One RJ45 Ethernet socket
	Relay output	1 channel door opening signal output

Infrared thermography	Thermometric distance	Less than 0.5m
	Temperature measurement accuracy	< ±0.5°C
	Temperature measurement points	One
Function	Face detection	Support detection and tracking of multiple people at the same time
	Face database support	Up to 100000
	1: N face recognition	support
	1: 1 face comparison	support
	Deployment mode	Support Tencent cloud, Tencent micro school and Tencent Haina access
Degree of protection	IP65,Certain outdoor dustproof and waterproof functions	
working voltage	DC12V	
working temperature	-10°C~60°C	
Device power consumption	10W (Max)	
Equipment size	340*47.5*24(mm)	

TNT2-1 Installation method



TNT2-1 supports three installation modes: compatible gate installation, column installation and wall installation (default standard gate type)



① Gate payment



② Column payment



③ Wall hanging

TNT2-1 Appearance dimension drawing

