

ID Force TR109

Multimodal Biometric Terminal



- Android 11 Operating System
- Face recognition with liveness detection
- 4-4-2 Fingerprint Capture
- Iris Recognition
- Rich interfaces: DC, Type C, RJ45
- 5000-10000mAh large-capacity battery
- WiFi, Bluetooth 5.0, PSAM, TF Card Support



Android



4-4-2
Fingerprint
Scanner



Face



Card



USB



10.1-inch



Camera



WiFi



SIM



Battery



Bluetooth



Printer



RJ45



Signature pad





OS	Android 11	Grey value of image background	≥ to 180 Levels
Display	10.1"	Image defect/pixel defect	No more than 10 pixels with a diameter of 2 within any 600x600 area
Camera	5MP Front -8MP Rear	Image centre deviation	Deviation between image center and capture window center: X and Y directions both ≤15 pixels
Speaker	Built-in stereo speaker 8Ω/1.5W	Standard	ISO19794-4, ISO197942, ANSI378 ,ANSI381
Microphone	Built-in	Support	Wet and dry fingers
Touch Panel	Capacitive panel, multi-point touch, G+G	Algorithm	Registration algorithm, Comparison algorithm
Audio	Digital Audio Speaker	PRINTER	
Wi-Fi	2.4GHz / 5.0GHz	Printing Method	Thermal line dot printing
Bluetooth	Bluetooth 5.0	Printing Speed (12.5% printing rate)	Max: 80mm/s (optional Max: 180mm/s, Max: 150mm/s)
SIM Card	Supports	Size	80mm thermal printer
Interface	RJ45, USBX3; Type C;DC	Resolution	203dpi (8 dots/mm)

Environment	Operating Temperature 5°C - 45°C, Storage - 25°C - 60°C	Effective printing width	48mm
CPU	MTK 8 core + storage 4 + 64GB + 4G LTE network	Character Set	ASCII codes, GBK, BIG5, etc.
Face	Supports face recognition	Print font	ANK: 9x17, 12x24
FINGERPRINT PARAMETERS		Printable Characters per line	24 x 24 Font A:32; Font B:32
Image Resolution	500dpi	Paper type	Thermal paper roll
Capture Window Size	≥88 x 86mm	Paper width	58mm
Effective image size	Single finger ≥32.5 x 32.5mm four fingers ≥81.2 x 76.2mm	Paer roll diameter/inner diameter	Max: 50mm / min: 13mm
Image pixel count	Single Finger ≥640 x 640 pixels Four fingers ≥81.2 x 76.2mm	Paper thickness	0.055 - 0.09mm
Capture time	Single Finger ≥25FPS/SEC (≤66ms) Four fingers 10FPS/SEC (≤100ms)		
Image distortion	≤1%	CARD	
Uneven grayscale of image background	≤10%	NFC	Supports , ISO14443-A ; ISO14443-B
Gray level	8 bit, 256 levels		

