MF80   MF80T

- MF80 is an AI face recognition terminal and MF80T is an AI temperature detection face recognition terminal for Access Control and Time Attendance system
- Support single user / multiple user recognition at the same time
- Support WDR (wide dynamic range), and support face recognition under strong light, dark light and backlight.
- Support live face detection and prevent photo and video
- 8 inch HD touch screen and display
- Support mask detection

Specification:

Temperature detection distance	0.5 meter
Temperature detection Accuracy	±0.3°C
Temperature detection error	0.5°C
Screen	8.0 Inch, HD 800*1280, Capacitive Touch Screen
Operation system	LINUX 3.10
CPU	1.2G Dual-Care ARM Contex-A7, 1200G (1.2T)
RAM, ROM	512MB DDR3L, eMMC Flash 8GB
Binocular camera	200W Colorful WDT+200W Infrared live camera
Face registration	Local operation: Enroll face with machine, import user photo with U disk Software operation: Import user photo to software, capture user photo with camera
Verification	Dynamic face recognition, Password, Card
User capacity	50,000 face, 50,000 card, 50,000 passwords
Facial recognition accuracy	99.7%
Recognition speed	≤0.2s, support single/multiple user (max 5 users) recognition at same time
Recognition distance	0.5 ~ 2.5 meters (0.5 ~ 1.5 meters with live face recognition on)
Prevent Photo	Dual camera anti-counterfeiting, prevent recognition with photo/video
Log capacity	500,000
Principle of Identification	Face algorithm technology of multiple-task cascaded convolutional neural network based on video stream of dynamic face detection, tracking and recognition
WDR	Wide dynamic range, support accurate face recognition under strong light, dark light and backlight
Broadcast and ring	Support display name, voice broadcast name, built-in bell ring
Free Attendance Software	Support USB download for the excel files of detailed temperature detection record and attendance report
Automatic fill light	Support infrared fill light, the white fill light automatically lights up when face is in dark environment
Communication	WIFI, TCP/IP, Wiegand 26/34 bits input/output, USB2.0 (support U disk import/export data)
Access Control function	Door open too long alarm, force door opening alarm, fire alarm output
Power	12VDC, standby current: 310mA, working current: 520mA
Working temperature	-15°C ~ +45°C
Working humidity	20% ~ 90%
Dimension	265x1132.6x20 mm