CDVI
Security to Access

Datasheet

BIOMETRIC/ FTC1000 - Facial Recognition and Temperature Detection Terminal

Product description

FTC1000 is a next-generation facial recognition and temperature detection solution, for high security biometric access control and health management.

This visual recognition terminal delivers the latest technology in a sleek and modern design to match any interior aesthetic. You can register up to 30,000 faces that can be recognised even if the user is wearing a PPE mask, and measure body temperatures to within 0.3°C accuracy. The FTC1000 is a secure and easy-to-use system that ensures hygienic touch-free access while monitoring vital health data to keep everyone safe.

Key features

- Facial recognition, temperature detection

- Up to 30,000 face capacity

- Temperature sensor with 0.3°C accuracy

- Different columns are available at desktop (C20), child (C60) and adult height (C110)

- Ideal for health management

CE *Certification*

DEEE

RoHS *Certification*

IP *IP66*

t° *-20°C to 55°C*

Product Information

Housing material: Alluminium alloy, Ultra-white tempered glass panel
Installation: on desktop, floor, gate machine, column, wall
Face database capacity: 30,000
Local storage: 25,000 records
Relay output: C - NO - NC

Screen & Camera

Type: 2MP Camera
Sensor: 1/5" GC2145, 1/2.8 SONY Starvis IMX307
Resolution: 1920*1080 30 fps, 2 Mega Pixel
Lens: 2.4 mm, 4.5 mm
Screen: 7 inch IPS HD LCD screen, 600*1024
Measuring distance: 0,5-1,3m (recommended: 0.75m)
Accuracy: +/- 0,3°C
Detection: human body temperature, mask

Electrical Specifications

Power supply: 12Vdc
Power dissipation: ≤ 12W

Face recognition

Posture: Vertical 58°-60°, horizontal 35°
Occlusion: Ordinary glasses and short sea retention have no effect on recognition
Resolution: 1920*1080 30 fps, 2 Mega Pixel
Expression: Under normal circumstances, slight expressions do not affect recognition
Response speed: about 200ms
Area: Full screen recognition

Network & System Specifcations

Main processor: MX3520
Operting system: embedded Linux
RAM: DDR3 512 MB
ROM: EMMC 8GB
Protocol: IPv4, TCP/IP, HTTP
Interface: RJ45 10M/100M
Port: RS485

Unit B1 Knaves Beech Business Centre, Davies Way, Loudwater, High Wycombe HP10 9QR

1 YEAR WARRANTY

technical@cdvi.co.uk
+44 (0) 1628 531300
www.cdvi.co.uk