

# INT FM XB

## Touchless Biometric Solution Convenient and Hygienic

Recognition technology makes it possible to go full touchless.



### MASKED FACE DETECTION

Fast and Accurate Visible Light Facial Recognition with Wide Angle Tolerance for Masked Individuals.



### FEVER DETECTION

With Computer Vision Technology



### TOUCHLESS RECOGNITION

Computer Vision : 3 in 1 Palm Recognition

INT FM XB is a fully designed to deal with all kinds of scenarios. This is supports both facial and palm verification with large capacity and rapid recognition speed, boosting the security performance in all aspects.

The INT FM XB also helps eliminate hygiene concerns not only because of the contactless recognition technology it is equipped with, but also because of the new functions namely fever detection and masked individual identification. The facial recognition capability of the series has reached a new height in the biometrics technology industry with a maximum of 50,000 facial templates, recognition speed of less than 0.3 sec per face, and ultimate anti-spoofing ability.

**Interactive**<sup>®</sup>

## Features

- Ultra large capacity of facial templates : 1:N - 30.000 facial templates ( standard ), maximum 1:N - 50.000 facial templates ( optional )
- Rapid facial recognition within 0,3S
- Anti spoofing algorithm againts print attack (laser, color and B/W photos ), videos attack and 3D mask attack
- Intelligent energy saving design, precisely evaluates the distance up to 2.5m ( 8.2ft) between the user and the device by a microwave detector before waking up the recognition terminal
- Integrated 125 kHz prox card reader (optional Mifare )
- 3MP starlight CMOS sensor camera with WDR function, which enables the terminal to recognize face under extreme lighting conditions (0.5 Lux - 50.000 Lux )
- Supplement lighting with adjustables brightness
- 8" touch screen with 400 Lux which offers high visibility under strong and direct light
- Multiple communication methods : TCP / IP, RS485, RS232, WIFI (optional)

## Specifications

### Capacity

- Faces : 30.000 (1:N ) / 50.000 ( Optional )
- Palm : 5000 (1:N)
- Users / Cards : 50.000
- Transactions : 1.000.000 (optional)
- User Photos : 30.000
- Event Photos : 10.000

### Compatibility

- Security Relax Box
- Wiegand / RS 485 / RS 232 Slave Reader with FP / RFID / Barcode / QR code

### Hardware

- 900 MHz Dual Core Customized AL CPU
- 512MB RAM / 8G Flash
- 8" High light (400lux) IPS Touch LCD
- 125 KHz EM Reader / 13.56 MHz MF ( optional )
- Distance detector sensor
- Hi Fi Voice
- Light LED

### Access Control Interface

- Lock Relay Output
- Alarm Output / Auxiliary Input
- Exit Button / Door Sensor

### Special Functions

- IP68 & IK04
- 0.3S high speed face verification
- Live Face Detection

### Communication

- TCP/IP
- Wiegand input / output
- Wi Fi ( optional )
- RS 485/RS232

### Additional Info

- Working Temperature -30°C - 60°C
- Storage Temperatur -40°C - 65°C
- Net Weight : 853g
- Dimension (H\*L\*D) 227\*143\*26mm
- Operating Voltage 12V DC
- Current Draw <2000mA

## Dimensions (mm)

