SYNCHROWEB TECHNOLOGY

OS-M385C2-V-R23WFC-TEMPF
Thermal Facial Recognition Scanner

UFACE

- **8-inch LCD touch display**
- **Anti-backlight**
- **Thermal IR Camera**
- **Liveness Detection**
- **100,000 Face Database**
- **Less than 1s recognition**
- **Wi-Fi Interface**

Product Description:

OS-M385C2-V-R23WFC-TEMPF is a high performance, high reliability Face recognition products: high accuracy, support face recognition 1: 1 and 1: N mode. Parallel support Hold non-contact human body infrared temperature measurement (frontal temperature), stable and fast temperature measurement.

OS-M385C2-V-R23WFC-TEMPF

Screen	
Screen size	8-inch IPS full-view LCD screen
Screen Resolution	800 × 1280
RGB Camera	
Image Sensor	WDR: 1 / 2.7 " Progressive Scan CMOS
RGB CAMERA Resolution	2 million pixels: 1932 × 1092
Angle of view	74.38 °
3A function	Support AEC / gain / white balance
Lens specifications	f = 4.35mm, aperture F2.0

Infrared camera	
Image Sensor	WDR: 1 / 2.7 " Progressive Scan CMOS
Resolution	2 million pixels: 1932 × 1092
Angle of view	67.57 °
Shutter type	Electronic rolling shutter
3A function	Support AEC / gain / white balance
Lens specifications	f = 4.2mm, aperture F1.6

Interface	
Serial	1 x RS-232
Relay output	1 x (DOOR_NO, DOOR_COM, DOOR_NC)
Wiegand output	Wiegand 26/34
Network Interface	1 Ethernet port (RJ45, 100M)
TTL serial port	Adapter temperature measurement module
Wi-Fi	Wireless standard: IEEE 802.11b / g / n
Reset interface	Reset button
Audio output	1 x 3.5mm standard interface
USB interface	1 x Type-A

Features	
Face Detection	Simultaneously detect and track 5 people
Recognition mode	Face and mask detection (face + temperature measurement)
Recognition accuracy	99.99% (99.77% recognition pass rate at 1% false recognition rate; 99.27% recognition pass rate at 0.1% false recognition rate)
Liveness detection	Support
Face Library	100,000 face photos
Stranger alert	support
Temperature range	34 ~ 42 ℃
Temperature Accuracy	± 0.5 ℃
Recognition Distance configuration	support
UI interface configuration	Support

C-1-5 SetiaWalk, Persiaran Wawasan,
Pusat Bandar Puchong,
47160 Puchong,
Selangor, Malaysia

Email: sales@synchroweb.com
Phone: +60 (3) 5880 5486
Fax: +60 (3) 5879 8366

Remote upgrade	Support
Deployment	Public network, local area network
System parameters	
operating system	Linux
CPU	Dual-core ARM Cortex-A7 @ 900MHz
storage capacity	1GB memory, 8GB storage
power supply	DC 12V / 2A
Operating temperature	-10 ℃ ～ 50 ℃
Working humidity	10% ～ 90%
Environment	Indoor, to avoid interference from thermal radiation sources
Power consumption	Running: 15W max