Visible Light
Facial Recognition Terminal

HIP ®
www.hip.com.my

Face5M

Features

• Enhanced Visible Light Facial Recognition

• Better hygiene with touchless biometric authentication, masked individual identification increases FAR

• Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack and 3D mask attack

• Communication mode: TCP/IP, RS232, RS485, Wiegand in/out and WIFI

• Built-in ID reader of 125Khz, Optional 13.56Mhz IC (MF) card

• Multiple Verification: Face/FingerPrint/Palm/Card/Password/QR Code

• Two-way audio and one-way video communication **(Optional)**

• Supplement light with adjustable brightness

• Professional web based managment software

• Recognition distance: 0.3-2 meters

Face Verification	Fingerprint Verification	RFID Card Verification	Palm Scanner	Masks Detection
WiFi Communication	Proactive Facial Recognition	+/- 30 Wide Pose Angle Acceptance	Touchless for Better Hygiene	QR Code Verification

Working Application

Alarm Exit button Reader Electric lock Inside Outside Face1 Smoke detector PC Reports
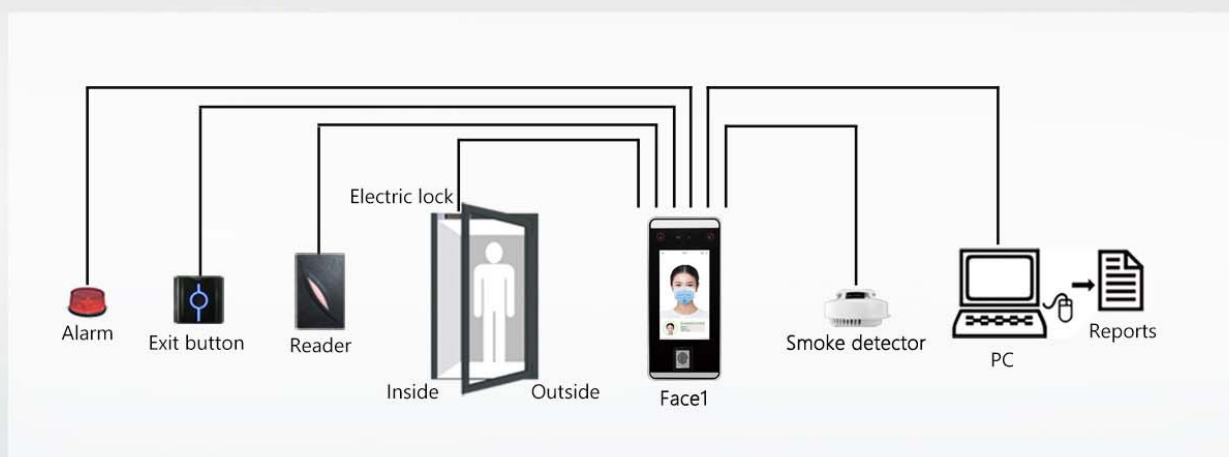
Specification

Display	5-inch Touch Screen
Face Capacity	6,000
FingerPrint Capacity	6,000
Palm Capacity	3,000
Card Capacity	10,000 ID Cards , Optional IC(MF) Card Function
Transactions	200,000
Communication	TCP / IP, WIFI, Wiegand input / output, RS485, RS232
Standard Functions	ADMS, T9 Input, DST, Schedule Bell, Camera, 9 Digit User ID, Acess Levels, Groups, Holidays,
	Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verify Mode, Video intercom
Hardware	Dual Core CPU, Memory 512MB RAM / 8G ROM
	2MP WDR Low Light Camera, Adjustable Light Brightness LED
Operation System	Linux
Access Control Interface	3rd Party Electric Lock, Door Sensor, Exit Button, Alarm output, Auxiliary Input
Optional Functions	13.56MHz IC(MF) Card
Face Recongntion Speed	≤1s
Power Supply	Power Supply 12V/3A
Operating Humidity	Operating Humidity 10%-90%
Operating Temperature	Operating Temperature -10 °C~45 °C
Dimensios	91.93*202.93*21.5mm

Structure & Connection

Flash
Camera
Microphone
5 inch touch screen
Card reading area
Fingerprint sensor
Speaker Reset
Magnetic tamper switch

Power	12V
	GND

RS232	RXD2
	TXD2
	GND

Ethernet	TX+
	TX-
	RX+
	RX-

Auxiliary input: AUX, GND
Sensor: SEN, GNO
Exit Button: BUT
Lock: NO1, COM, NC1
Alarm: AL+, AL-

+12V, GND — Wiegand in: INWD0, INWD1
WD0, WD1 — Wiegand out

RXD, TXD, GND — RS232
485A, 485B — RS485