

HS13-0056

Product Description

HS13-0056 is a series of multi-biometric time attendance and access control terminals. With a modern stylish design, it combines Facial, Fingerprint, RFID and PIN recognition. Equipped with our latest facial identification algorithm, it captures the relative position, size and shape of user's eyes, nose cheekbones and jaw features. These feature templates are used to match feature data when users register on the terminal, converting the captured features into value and comparing these to eliminate variance. Integrated with our newest and most advanced fingerprint algorithm version, HS Finger10.0, it ensures high precision fingerprint identification. The HS13-0056 series integrated 630MHz high speed HS MultiBio processor and high definition infrared camera allows user identification in dark environments. Ideal for Time and Attendance Management, this series can operate on standalone mode, and also offers simple access control features, providing a complete easy-to-use system for small to medium installations.



Standard Functions



Optional Functions



Features

- Elegant Time & Attendance and simple access control
- Incorporates HS fingerprint sensor and standard RFID EM reader
- It can hold up to 700 faces, 3000 fingerprint templates and 10,000 users.
- Optionally, it can include other proximity readers as Mifare, HID etc..
- Stores up to 100,000 log records without PC download.
- Allows communication with PC through Ethernet, RS-232/485
- Optionally, allows GPRS communications
- Events management (doctor, personal issues, etc..)
- 4.3" TFT touch screen with advanced menu management
- Includes 6 function keys defined by user

Specifications

Capacity

Face Capacity	700
Fingerprint Capacity	3,000
ID Card Capacity	10,000
Logs Capacity	100,000

Hardware

Platform	ZEM600
CPU	32bit MultiBio Microprocessor 630MHz
Memory	64M RAM, 256M Flash
Sensor	HS Optical sensor
Proximity	EM Module
Camera	High resolution / Infrared Camera
Relay contacts	electric door lock/external buzzer, door sensor, exit button

Display

LCD	4.3" TFT Touch Screen
LED Indicator	Green / Red

Environment

Oper. Temp	0°-45°C
Oper. Humidity	20%-80%

Power

Power	12V, DC 3A
Battery	Internal (3 hours)

Communication

Comm. Port	Ethernet, RS232/485
Pen drive	Two USB Host
Wiegand	Output

Fingerprint Algorithm

Type	HS Finger 9.0 and 10.0
Identification	<=2 seconds
Verification	<=1second
FRR	< 1%
FAR	<=0.0001%

Proximity Module

Type	EM card
Identification	<=1 sec

Languages

Available	All European languages
Maximum	7
Voices	Allowed

Keypad

Type	Touch-sensitive keypad
Function Keys	6 (Defined by user)

Dimensions

Dimensions	193.6x146.8x111mm (L x W x D)
Weight	1.65kg

Firmware

O.S	Linux
Applications	T&A, AC (groups and TZ)
SDK	Standard SDK

Connectivity diagram

