

## Fingerprint Reader

Fingerprint access control allows registered staffs and parents to gain entry automatically after being verified by the reader next to the entrance. This saves staffs' time considerably from the repetitive work of opening door to parents and other members of staff every day. It also comes with a complete user access logs.



### Key Features:

- 1:1 Verification and 1: N Identification
- Auto Touch Sensor for Identification
- 1,000 Fingerprint Users
- 125KHz Proximity and Fingerprint Recognition
- Proximity Card Function for Fingerprint Unregistrable Person
- 1ea of External Reader Port for Anti Passback Function: 26bit Wiegand & 4/ 8bit Burst for PIN
- Independent 2 inputs and 2ea of 2 Form-C Relay Outputs
- High Protection from Scratch and ESD (Electro Static Discharge)
- High Quality Optical Sensor
- Tamper Switch
- Alarm Event Monitoring using Tamper Switch (by Application Software)
- Dual Function for Access Control and Time & Attendance
- Standalone/ Network Communication via RS232/ RS422/ RS485, TCP/ IP (External LAN Converter Required) & Wireless (e.g. Bluetooth Module required)

### Specifications (Finger Module):

Resolution	500dpi
Capture Image Size	356 x 292 pixels
Extraction Image Size	248 x 292 pixels
Sensing Area	12.7 x 14.9 mm
Scanner	High Quality Optical Sensor
FAR (False Acceptance Ratio)	0.001%
FRR (False Reject Ratio)	0.1%
ESD (Electro Static Discharge)	15KV
Verification Time	Less than 1sec.
Identification Time	Less than 2sec.

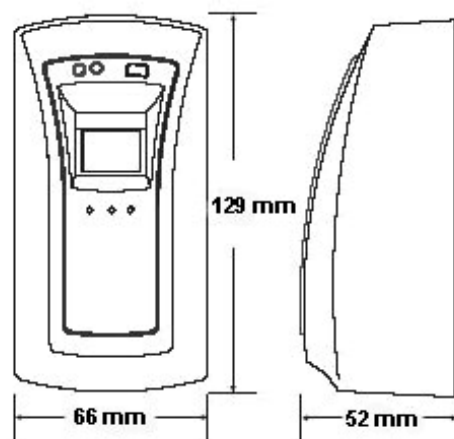
\* Specifications are subject to change without notice

## Fingerprint Reader

### Specifications:

<b>CPU</b>	32bit ARM9 and Dual 8bit Microprocessor
<b>Memory Module (Fingerprint)</b>	Program: 128KB ROM; Data: 128/ 256/ 512KB Flash Memory
<b>Memory Module (Controller)</b>	Program: 64KB Flash Memory; Data: 512KB Flash Memory
<b>Fingerprint User</b>	1,000 Users
<b>Fingerprint Templates Size</b>	800Bytes for 2 Fingerprint Templates
<b>Event Buffer</b>	2,000 Event Buffers
<b>Read Range</b>	Passive: Up to 2 inch (5cm); Active: IDA150 / IDA200 compatible
<b>Reading Time (Card)</b>	30ms.
<b>Verification Time</b>	Less than 1sec.
<b>Identification Time</b>	Less than 2sec.
<b>Power</b>	DC 12V / Max.300mA
<b>External Reader Port</b>	1ea (26bit Wiegand, 4 / 8bit Burst for PIN for Anti-passback)
<b>Communication</b>	RS232/RS422, TCP/ IP (External LAN Converter required) & Wireless (Bluetooth Module required)
<b>Baud Rate</b>	9,600 bps (default)
<b>Input Port</b>	2ea (Exit Button, door Sensor)
<b>Output Port</b>	2ea (2 FORM-C Relay Output / DC12V~18V, Rating Max.2A)
<b>LED Indicator</b>	3 Array LED Indicators (Red and Green)
<b>Beeper</b>	Piezo Buzzer
<b>Operating Temperature</b>	Fingerprint Module: -15° ~ +40°C; Reader: -35° ~ +65°C; Controller: -15° ~ +70°C
<b>Operating Humidity</b>	10% ~ 90% relative humidity non-condensing
<b>Color / Material</b>	Grey/ Polycarbonate
<b>Dimension (W x H x T)</b>	66mm x 129mm x 52mm
<b>Weight</b>	259.5g

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NurseryCam 