

# Face Recognition

## Fingerprint Identification Standalone Controller

- Professional Access Controller + Time & Attendance
- ID Registration up to 100,000 Users / up to 500,000 Events
- Communication via Ethernet (PoE)/ RS485/ RS232/WIFI (Optional)
- Up to 12 Function Keys for Time & Attendance
- 5" Full Touch LCD Display
- Duress Mode/Anti-Passback/ 2 Men Operation
- Arm/ Disarm Management /Audible Alarm Setting
- USB Host, MicroSD Card



# X02000 Series

## FACE RECOGNITION

Embedded Web Server  
Embedded Camera  
PoE Capable  
WIFI

# FACE RECOGNITION

Fingerprint Identification Standalone Controller

## XO2000 Series

### KEY FEATURES

- Standalone Device with Internally Embedded Controller
- Standalone Device with Face Recognition and Fingerprint Identification
- Standalone Operation without PC/Server Connection
- Graphic LCD Applied for Multi-Language Display and Voice Guide in Various Languages
- 12 Function Keys for Various Professional Time & Attendance Applications (Shift Management, Overtime, Breaktime, etc.)
- User's Name and Function Key Definition Display
- Automatic System Reset via Self-Diagnosis (Watchdog Function)
- Anti-Passback Function / Duress Mode / 2 Men-Operation Function
- Arm/Disarm Function
- Alerts when Door Opening Time Exceeds and Forced Door Open
- Serial Port for Issuing Event Ticket
- Advanced Security Time Schedule Configuration
- Configuration Setting per ID (Time Schedule, Card Usage, Expiration Date, Accessible Reader, Door Opening Time, etc.)
- Allows Registration of 10 Administrators using Fingerprints
- 3-State Supervised Input (On/Off/Cut)
- Designed to Withstand ESD (Electro Static Discharge) Shock
- Firmware Upgrade via Remote Control
- Supports 26Bit / 34Bit Wiegand Output Port (to use as a Reader)
- Compatible Software : IDTECK STANDARD, TIME PRO, TIME BASIC



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## \* Specification

Model	XO2000	XO2000SR
CPU	32 Bit RISC Microcontroller (ARM - CORTEX A8, 1 GHz)	
OS	Linux 2.6	
Memory	RAM: 256MB DDR2 SDRAM, ROM: 512MB Flash Memory, Storage: 4GB Micro-SD Card	
User IDs	1000,000 Users (Including Fingerprint)	
Fingerprint Registration	950 ~ 4,750 Users	
Event Buffers	500,000 Events	
Reading Range	IDC80, IDC170: Up to 4 inches (10cm) IDK50, IMC125/IHC80: Up to 2 inches (5cm)	ISC80: Up to 4 inches (10cm) ISK50 / IHC80 / IMC135: Up to 2 inches (5cm)
Frequency	125KHz [PSK Format / IDC Type] RF Card	13.56MHz [MIFARE®, ISO14443 Type A] SMART Card
Reading Time (Card)	30 ms.	
Power / Current	DC 12 V / Max. 600mA	
Input Port	4 EA (Exit Button, Door Sensor, Aux#1, Aux#2)	
Output Format	26 Bit Wiegand	34 Bit Wiegand
Camera	CMOS Color Camera (1.3M Pixel)	
LCD	TFT Color Touch LCD (800 x 480, 5inch, 16.7K)	
Operating Temperature	0°C ~ +50°C (+32°F ~ +122°F)	
Operating Humidity	10% to 90% Relative Humidity, Non-condensing	
Color / Material	Black, White / Polycarbonate	
Dimension (W x H x T)	160 x 180 x 40 mm (6.3" x 7.1" x 1.6")	
Weight	181 g (0.4 lbs)	
Certification	FCC, CE, RoHS	

\* Compatible Software IDTECK Standard, IDTECK Time Pro

### Face Module Specifications

User Capacity	1000
Focus Mode	Fixed Focus
Effect Distance	30cm ~ 80cm
Viewing Angle	60°

### Fingerprint Module Specifications

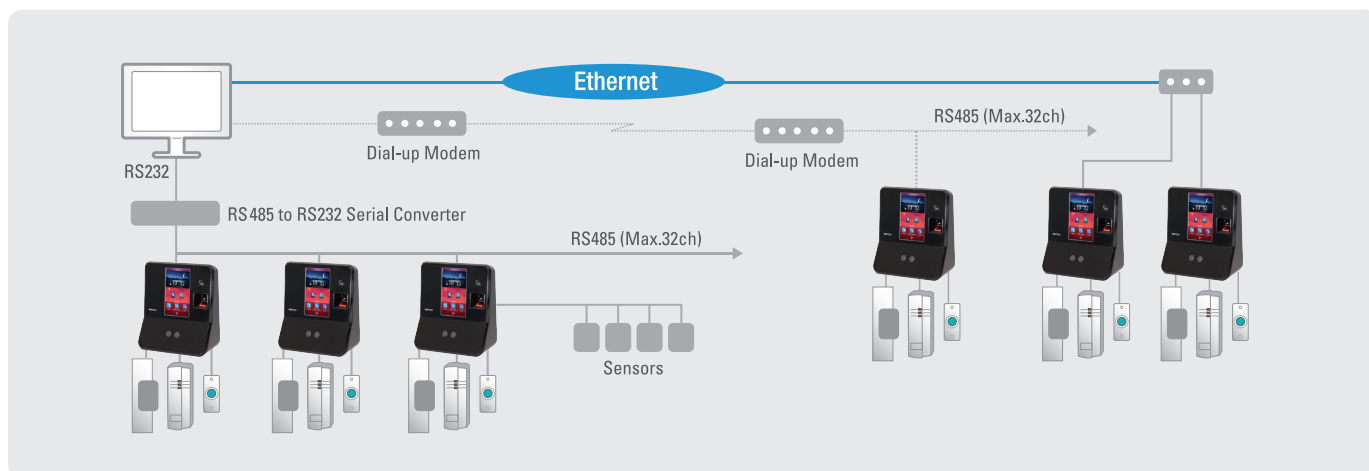
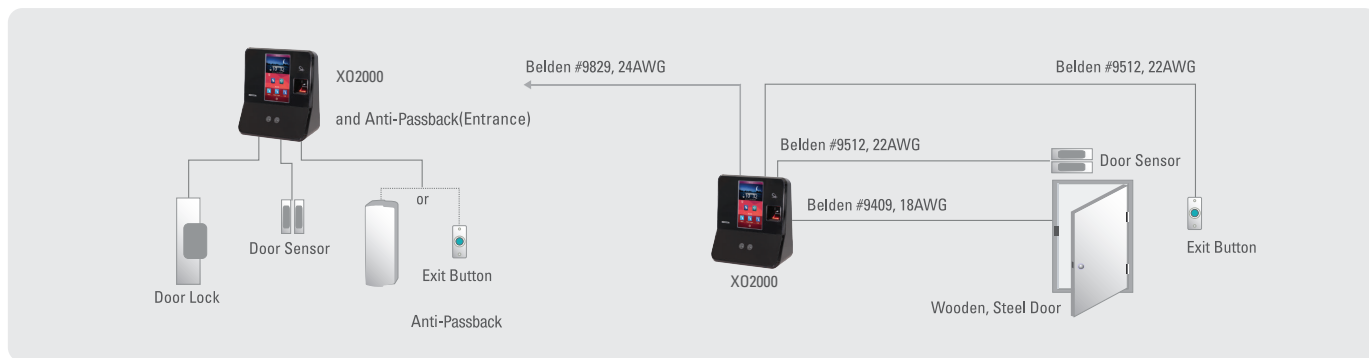
Resolution	500 dpi
Capture Image Size	288 x 288 pixels
Extract Image Size	16mm x 18mm
Scanner	High Quality Optional Sensor

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## Standalone Configuration



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