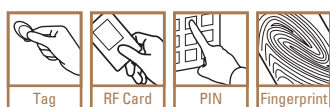


Fingerprint Identification (Proximity / PIN) Reader

FINGER006 FINGER006P FINGER006EX

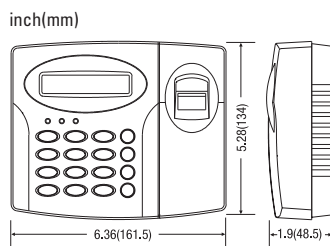


FINGER006/P/EX



KEY Features

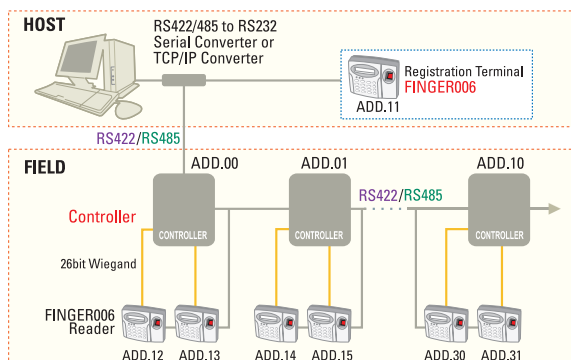
- 1:1 Verification and 1: N Identification
- Identification Method: by PIN Key (default)
by Auto Touch Sensor (optional): FINGER006A/PA/EXA
- 125KHz Proximity / PIN and Fingerprint Recognition
- 1,000 / 2,000 / 4,000 Fingerprint Users
- ID only Function for Fingerprint Unregistrable Person
- Network Communication via RS232 / RS422 / RS485 (Max.255ch), TCP/IP (External LAN Converter required)
- 1ea of External Reader Port (FINGER006EX):
26 / 34bit Wiegand, 4 / 8bit Burst for PIN and ABA Track II
- 26bit Wiegand and ABA Track II Output Format
- Current Time Display on the LCD
- High Protection from Scratch and ESD (Electro Static Discharge)
- High Quality Optical Sensor • Dual Tamper Switches
- Options: 1,000 / 2,000 / 4,000 Fingerprint Users, Supervisory Signal
Auto Touch Sensor for Identification (FINGER006A/PA/EXA)
- Compatible Software: STARWATCH DUAL PRO I / II, iTDC PRO I / II
- Compatible Controller: iCON100, iTDC, Third Party Controller, Standalone Controller



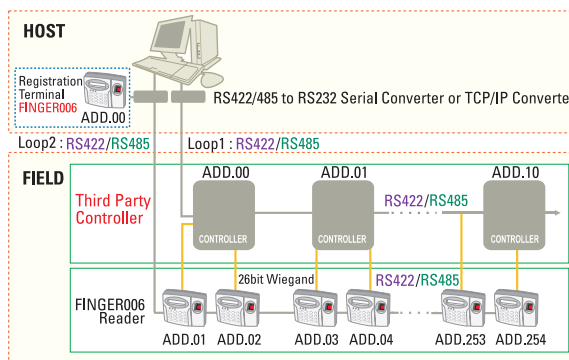
Comparison Table

FINGER006	Built-in 125KHz (4") Proximity Reader RF (PIN) only / Fingerprint only / RF (PIN)+ Fingerprint RF (PIN)+P/W (4digit) / RF (PIN)+P/W (4digit)+ Fingerprint
FINGER006P	PIN (4~8digit) only / Fingerprint only / PIN + Fingerprint PIN + P/W (4digit) / PIN+ P/W (4digit)+ Fingerprint
FINGER006EX	Built-in 1ea of External Reader Port RF (PIN) only / Fingerprint only / RF(PIN)+ Fingerprint RF (PIN)+P/W (4digit) / RF (PIN)+P/W (4digit)+ Fingerprint
FINGER006A	FINGER006 including Auto Touch Sensor for Identification
FINGER006PA	FINGER006P including Auto Touch Sensor for Identification
FINGER006EXA	FINGER006EX including Auto Touch Sensor for Identification

Connect IDTECK Controller with Fingerprint Reader



Connect Third Party Controller with Fingerprint Reader





Fingerprint Module Specifications

Resolution	500dpi
Capture Image Size	356 x 292 pixels
Extraction Image Size	248 x 292 pixels
Sensing Area	12.7mm x 14.9mm
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

Model		FINGER006	FINGER006P	FINGER006EX
CPU		32bit ARM9 and Dual 8bit Microprocessor		
Memory Module	Fingerprint Module	128KByte Flash Memory		
	Program Memory	128KByte / 256KByte / 512KByte Flash Memory		
	Data Memory	64KByte Flash Memory		
	Controller	512KByte SRAM (Battery back up)		
Fingerprint User		1,000 / 2,000 / 4,000 Fingerprint User		
Fingerprint Template Size		800Bytes for 2 Fingerprint Templates		
Read Range	Passive Type	IDK50 / IMC125: Up to 2 inch (5cm) IDC80 / IDC170: Up to 4 inch (10cm)	PIN only	Depending on External Reader
	Active Type	IDA150 / IDA200 compatible		
Reading Time (Card)		30ms.		
Verification Time		Less than 1sec.		
Identification Time		Less than 2sec.		
Power / Current		DC 12V / Max.300mA		
External Reader Port		N/A	N/A	1ea: 26 / 34bit Wiegand, 4 / 8bit Burst for PIN, ABA Track II
Communication		RS232 / RS422 / RS485 (Max.255ch), TCP/IP (External LAN Converter required)		
Baud Rate		9,600bps (default) / 4,800bps, 19,200bps and 38,400bps (selectable)		
Input Port		2ea (Error-Input, OK-Input)		
Output Port		2ea (Error-Output, OK-Output (Open Collector Output))		
Output Format		26bit Wiegand, ABA Track II		
LCD		Character LCD (2 Lines x 16 Char) / 2.62" x 0.55" (65.6mm x 13.8mm) Screen		
Keypad		16 Key Numeric Keypad with Back Lighting		
LED Indicator / Beeper		3 Array LED Indicators (Red, Green and Yellow) / Piezo Buzzer		
Operating Temperature	Fingerprint Module / LCD	-15° to +40° C (+5° to +104° F) / 0° to +50° C (+32° to +122° F)		
Operating Temperature	Controller / RF Reader	-15° to +70° C (+5° to +158° F) / -35° to +65° C (-31° to +149° F)		
Operating Humidity		10% to 90% relative humidity non-condensing		
Color / Material		Dark Pearl Gray / Polycarbonate		
Dimension (W x H x T) / Weight		6.36" x 5.28" x 1.9" (161.5mm x 134mm x 48.5mm) / 547g (1.21lbs)		
Certification		MIC		

FINGER006EX with Existing Readers

