

Affordable & Stability

IP Based RFID/PIN

Time & Attendance / Access Controller



- Standalone Operation without PC / Server Connection
- 13.56MHz Smart Card (MIFARE) Format
- Operation Mode Selectable according to User Environment
- Anti-Passback Function
- Communication : TCP/IP, RS485, RS422, RS232
- User / Event Buffers Up to 50,000 Users / Up to 50,000 Events

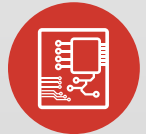


SR505T

SR505



RFID Reader
& Card



Access
Controller

IDTECK
Your Security Partner
SINCE 1989

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SR505T / SR505



Key Features

- Professional Time & Attendance / Access Controller
- 13.56MHz Smart Card (MIFARE) Foramt *
- Standalone Device with Internally Embedded Controller
- Standalone Operation without PC/Server Connection
- 4 Function Keys for Time & Attendance Applications
- Communication
 - SR505T : TCP/IP, RS422,RS485,RS232
 - SR505 : RS422,RS485,RS232
- User / Event Buffers Up to 50,000 Users / Up to 50,000 Events
- Automatic System Reset via Self-Diagnosis (Watchdog Function)
- Anti-Passback Function
- Duress Mode
- Alerts when Door Opening Time Exceeds and Forced Door Open
- Tamper Switch (2EA)
- Time Schedule Setting
- 3-State Supervised Input (On/Off/Cut)
- Designed to Withstand ESD (Electro Static Discharge) Shock
- Output Format : 505R Series may function as a Standalone Controller as well as a Reader
 - SR505T / SR505 : 34 Bit Wiegand
- Operation Mode : RFID(PIN), RFID(PIN)+Password
- Compatible Software : IDTECK STANDARD Series, TIME PRO,TIME BASIC

※ 13.56MHz Smart Card (MIFARE) : ISO14443 Type A, B, MIFARE Classic, MIFARE Plus, MIFARE Desfire, MIFARE Ultra light

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Specifications

Model		SR505T	SR505
CPU		32 Bit ARM9 and Dual 8 Bit Microprocessor	
Memory	Program	128K Byte Flash Memory	
	Data	1M Byte Flash Memory	
ID User		Up to 50,000 Users	
Event Buffer		Up to 50,000 Events	
Radio Frequency (RF)		13.56MHz Smart Card (MIFARE) / ISO14443 Type A, B, MIFARE Classic, MIFARE Plus, MIFARE Desfire, MIFARE Ultra light	
Read Range (Compatible Card Type)		ISC80: Up to 10cm / IHC80: Up to 5cm	ISK50 / ISW50 : Up to 2 Inch (5cm)
Reading Time (Card)		30ms	
Power / Current		DC 12V / Max. 300mA	
External Reader Port		1 EA : 34bit Wiegand (for Anti-Passback) 4/8bit Burst for PIN	
Communication		TCP/IP, RS485, RS422, RS232 (Max. 32ch)	RS485, RS422, RS232 (Max. 32ch)
Communication Speed	TCP/IP	10/100 Mbps	
	Serial	9,600bps (Default) / 19,200bps / 38,400bps / 57,600bps / 115,200bps (Selectable)	
Input Port		4 EA: Exit Button, Door Sensor, AUX#1, AUX#2	
Output Port		2 EA: 2 FORM-C Relay Output (COM, NO, NC) / DC 12V~18V, Rating Max. 2A 2 EA: TTL Output / DC5V, Rating Max. 20mA Can be used in 34 Bit Wiegand, using the 2TTL Outputs	
Tamper Switch		2 EA	
LED Indicator		7 LED Indicators	
LCD		Character LCD (2 Lines x 16 Char) 65.6 x 13.8mm (2.62" x 0.55") Screen	
Buzzer		Piezo Buzzer	
Keypad		16 Numeric Keypad with Back Lightings	
Operating Temperature		LCD: 0°C ~ +50°C (+32°F ~ +122°F) Controller: -15°C ~ +70°C (+5°F ~ +158°F) RF Reader: -35°C ~ +65°C (-31°F ~ +149°F)	
Operating Humidity		10% ~ 90% Relative Humidity, Non - Condensing	
Color / Material		Dark Pearl Gray / Polycarbonate	
Dimension (W x H x T) / Weight		161.5 x 134 x 48.5mm (6.4" x 5.3" x 1.9") / 525g (1.2 lbs)	
Certification		FCC, CE, KCC, RoHs	

Time Schedule

Time Code	10	Holiday Code	10
Time Interval	5	Holiday	32

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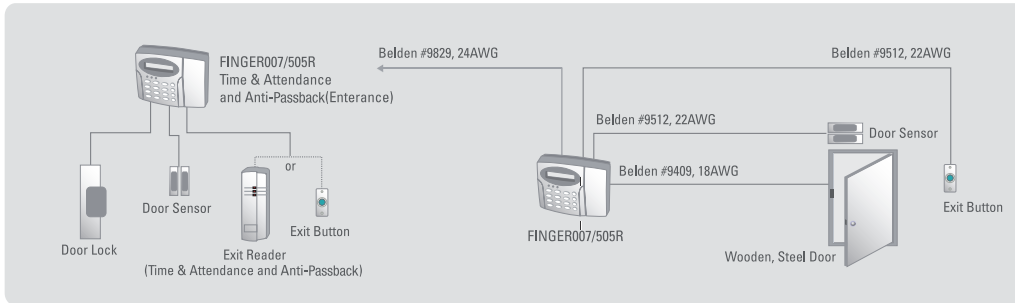
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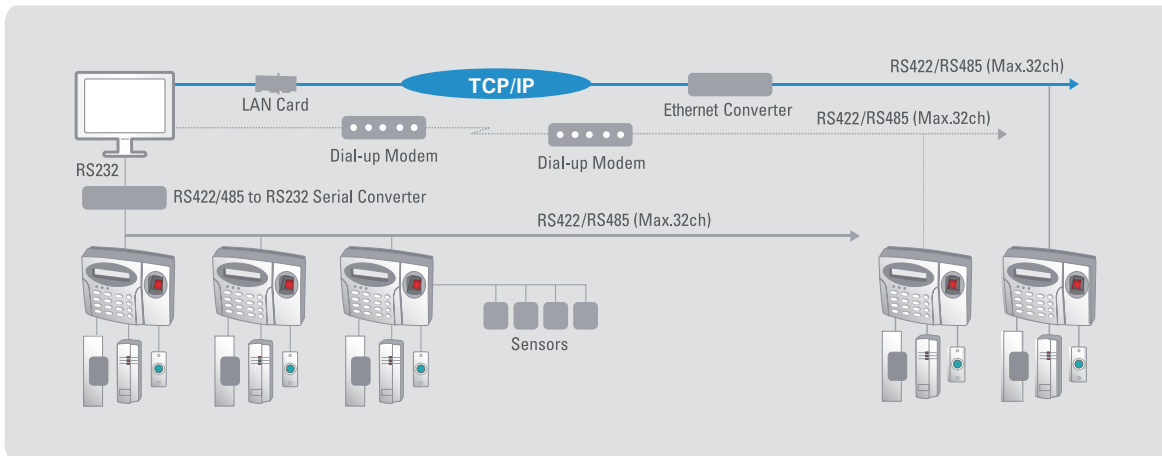
SR505T / SR505



Standalone Configuration



Network Configuration



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