

Affordable & Stability

IP Based RFID/PIN

Time & Attendance / Access Controller



- Standalone Operation without PC / Server Connection
- 125KHz ASK[EM] 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



IP-505RT

IP-505R



RFID Reader
& Card



Access
Controller

IDTECK
Your Security Partner
SINCE 1989

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IP-505RT / IP-505R



Key Features

- Professional Time & Attendance / Access Controller
- 125KHz ASK[EM] Format
- Standalone Device with Internally Embedded Controller
- Standalone Operation without PC/Server Connection
- 4 Function Keys for Time & Attendance Applications
- Communication
 - IP-505RT : TCP/IP, RS422,RS485,RS232
 - IP-505R : 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
 - IP-505RT / IP-505R : 26 Bit Wiegand
- Operation Mode : RFID(PIN), RFID(PIN)+Password
- Compatible Software : IDTECK STANDARD Series, TIME PRO, TIME BASIC

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IP-505RT / IP-505R



Specifications

Model		IP-505RT	IP-505R
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)		125KHz ASK[EM] Fomat	
Read Range (Compatible Card Type)		IPC80/IPC170: Up to 4 Inch (10cm)	IPK50 / IPW50 : Up to 2 Inch (5cm)
Reading Time (Card)		30ms	
Power / Current		DC 12V / Max. 300mA	
External Reader Port		1 EA : 26bit 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 26 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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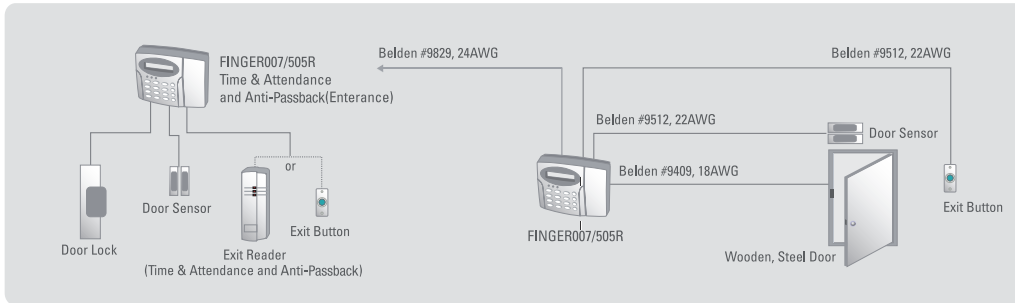
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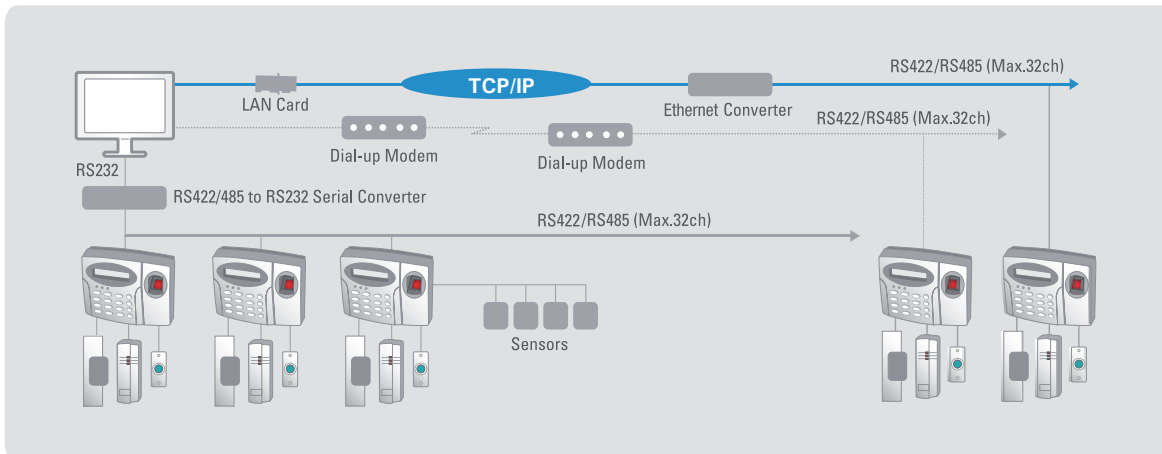
IP-505RT / IP-505R



Standalone Configuration



Network Configuration



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