

PIN & Proximity Card Reader Series

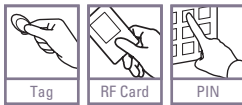
RFK101

RFK505



RFK101

RFK505



KEY Features

RFK101

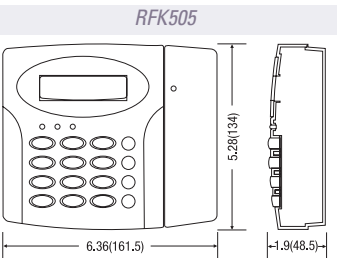
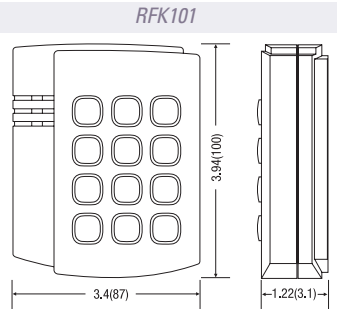
- 125KHz Proximity / PIN Reader
- PSK Modulation
- Read Range: Up to 4 inch (10cm)
- User format available
- 26bit Wiegand (default) / RS232 and ABA Track II (optional) Output Format
- 4 / 8bit Burst for PIN Output Format selectable
- 12 Numeric Keypads with Back Lighting
- External LED Control
- External Buzzer Control
- Tamper Switch
- Wall Mount (US, EU, Asian Gang Box Size)
- Reverse Polarity Protection
- Options: 3ea of External LED Control
- Supervisory Signal
- Compatible Controller: iCON100, iTDC, Third Party Controller, Standalone Controller

RFK505

- 125KHz Proximity / PIN Reader
- PSK Modulation
- Read Range: Up to 4 inch (10cm)
- User format available
- Network Communication via RS232 / RS422 / RS485 (Max.255ch), TCP/IP (External LAN Converter required)
- 26bit Wiegand, ABA Track II and 4 / 8bit Burst for PIN Output Format selectable
- 16 Numeric Keypads with Back Lighting
- Current Time Display on the LCD
- External Error Signal
- External OK Signal
- Dual Tamper Switches
- Wall Mount (US, EU, Asian Gang Box Size)
- Reverse Polarity Protection
- Options:Supervisory Signal
- Compatible Controller: iCON100, iTDC, Third Party Controller, Standalone Controller

Star

inch(mm)



Comparison Table

RFK101	RF (PIN) only / RF (PIN) + P/W (4digit)
RFK505	Current Time Display on the LCD
	RF (PIN) only / RF (PIN) + P/W (4digit)



Specifications

Model		RFK101	RFK505
Read Range	Passive Type	IDK50 / IMC125: Up to 2 inch (5cm) IDC80 / IDC170: Up to 4 inch (10cm)	IDK50 / IMC125: Up to 2 inch (5cm) IDC80 / IDC170: Up to 4 inch (10cm)
	Active Type	IDA150 / IDA200 compatible	IDA150 / IDA200: compatible
Reading Time (Card)		30ms	
Power / Current		DC 12V / Max.150mA	DC 12V / Max.300mA
Communication		N/A	RS232 / RS422 / RS485 (Max. 255ch) TCP / IP (External LAN Converter required)
Baud Rate		N/A	9,600bps (default) / 4,800bps, 19,200bps and 38,400bps (selectable)
Input Port		2ea :External LED Control External Buzzer Control	2ea :External Error Signal, External OK Signal
Output Format		26bit Wiegand, 4/8bit Burst for PIN (selectable) RS232, ABA Track II (optional)	26bit Wiegand, ABA Track II 4/8bit Burst for PIN (selectable)
LCD		N/A	Character LCD (2Linges x 16Char) 2.62" x 0.55" (65.6mm x 13.8mm) Screen
LED Indicator		3 Array LED Indicators (Red, Green and Yellow)	
Beeper		Piezo Buzzer	
Keypad		12 Key Numeric Keypad with Back Lighting	16 Key Numeric Keypad with Back Lighting
Operating Temperature	LCD	N/A	0° to +50° C (+32° to +122° F)
	RF Reader	-35° to +65° C (-31° F to +149° F)	-35° to +65° C (-31° F to +149° F)
Operating Humidity		10% to 90% relative humidity non-condensing	
Color		Dark Pearl Gray	
Material		Polycarbonate	
Dimension (W x H x T)		3.4" x 3.94" x 1.22" (87mm x 100mm x 31mm)	6.36" x 5.28" x 1.9" (161.5m x 134m x 48.5mm)
Weight		190g (0.42lbs)	547g (1.21lbs)
Certification		FCC, CE, MIC	FCC, CE, MIC

RFK101 Configuration

