

## PIN &amp; Proximity Card Reader Series

# RFK101

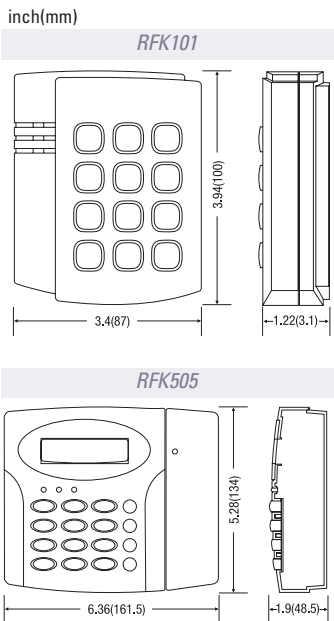
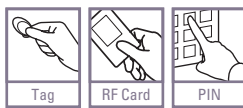
# RFK505



RFK101



RFK505



## KEY Features

### RFK101

- 125KHz Proximity / PIN Reader
- PSK Modulation
- Read Range: Up to 4 inch (10cm)
- User format available
- 26bit Wiegand and RS232 (default), 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
- 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

## 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	
Baud Rate		N/A	
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, RS232 (selectable), ABA Track II (optional)	26bit Wiegand, ABA Track II 4/ 8bit Burst for PIN (selectable)
LCD		N/A	Character LCD (2Lines 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 RoHS	FCC, CE, MIC RoHS

## RFK101 Configuration

