

ASK[EM] Format  
Proximity/PIN Card Reader Series

# IP10/IP20

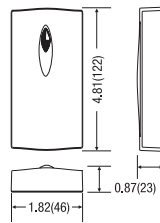
# IP30

# IPK101

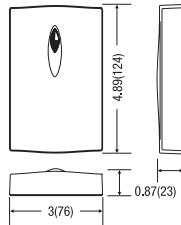


inch(mm)

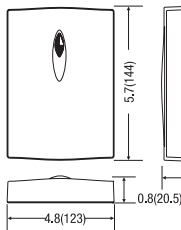
**IP10**



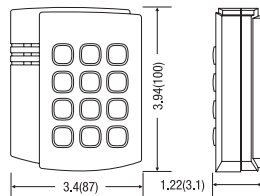
**IP20**



**IP30**



**IPK101**



### KEY Features

**IP10 / IP20 / IP30**

- 125KHz Proximity Card Reader
- ASK [EM] Format
- Read Range: Up to 4 inch (10cm) – IP10 / IP20  
Up to 12 inch (30cm) – IP30
- User format available
- 26bit Wiegand and RS232 (default), ABA Track II (optional) Output Format
- Easy to install on Metal Door Frame or Mullion
- External LED Control
- External Buzzer Control
- Indoor / Outdoor Operation
- Solid Epoxy Potted
- IP10 / IP20: Waterproof (IP65 / IP66)
- Warranty: Life Time
- Reverse Polarity Protection
- Options: Supervisory Signal
- Compatible Controller: iCON100, iTDC, Third Party Controller  
ASK[EM] Format Standalone Controller

**IPK101**

- 125KHz Proximity / PIN Reader
- ASK [EM] Format
- 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  
ASK[EM] Format Standalone Controller



IPK101

### Specifications

Model	IP10	IP20	IP30	IPK101
Read Range	IPK50: Up to 2 inch (5cm) IPC80 / IPC170: Up to 4 inch (10cm)		IPC80 / IPC170: Up to 12 inch (30cm)	IPK50: Up to 2 inch (5cm) IPC170 / IPC80: Up to 4 inch (10cm)
Reading Time (Card)	30ms.			
Power / Current	DC 12V / Max.180mA		DC 12V / Max.350mA	DC 12V / Max.150mA
Input Port	2ea (External LED Control, External Buzzer Control)			2ea : External LED Control External Buzzer Control
Output Format	26bit Wiegand and RS232 (default), ABA Track II (optional)			4 / 8 bit Burst for PIN Selectable
LED Indicator	2 Color LED (Red and Green)			3 Array LED Indicators (Red, Green and Yellow)
Beeper	Piezo Buzzer			
Keypad	N/A			12 Key Numeric Keypad with Back Lighting
Operating Temperature	-35° to +65° C ( -31° to +149° F )			
Operating Humidity	10% to 90% relative humidity non-condensing			
Color	Dark Pearl Gray			
Material	Polycarbonate			
Dimension (W x H x T)	1.82" x 4.81" x 0.87" (46 x 122 x 23mm)	3" x 4.89" x 0.87" (76 x 124 x 23.5mm)	4.8" x 5.7" x 0.8" (123 x 144 x 20.5mm)	3.4" x 3.94" x 1.22" (87 x 100 x 31mm)
Weight	160g (0.35lbs)	185g (0.41lbs)	370g (0.82lbs)	190g (0.42lbs)
Index of Protection	IP65 / IP66		N/A	N/A
Certification	UL, FCC, CE, MIC, RoHS			FCC, CE, MIC

### IP10 / IP20 / IP30 / IPK101 Configuration

