

# RF10V / RF20V / RFK101V

Vandal Resistant  
Proximity Reader

## Vandal-Resistant 125 KHz Proximity Reader [PSK Format / IDC Type]



### System Features

- 125 KHz Proximity Reader [PSK Format / IDC Type]
- 26 bit Wiegand Output Format
- External LED Control
- External Buzzer Control
- Indoor/Outdoor Operation
- Solid Epoxy Potted
- Reverse Polarity Protection
- Vandal-resistant & Waterproof (IP68)
- Compatible Controller : All IDTECK Controller, Standalone Controller, Third Party Controller

Model	RF10V	RF20V	RF101V
Authentication Method	RFID		RFID, PIN
Input Port	2 EA (External LED, External Buzzer Control)		
Output Port	26 Bit Wiegand		26 Bit Wiegand, 4/8bit burst for PIN(selectable)
LED Indicator	3 LED Indicators (Red, Green, Yellow)		
Buzzer	Piezo Buzzer		
Frequency / Format	125 KHz (PSK Format / IDC Type)		
Operating Temperature	-30°C ~ +50°C (-22°F~+122°F)		-20~+50°C(-4~+122°F)
Operating Humidity	10% to 90% relative humidity non-condensing		
Ingress Protection	IP68		
Vandal-Resistant	Yes		
Input Voltage / Current	12V DC / Max. 120mA		12V DC / Max. 100mA
Power Consumption	Max. 1.5W		Max. 1.2W
Color	Silver and Black		
Material	Polycarbonate & Aluminum Die Casting		
Dimension (W x H x T)	47.0 x 120.0 x 26.0 mm (1.85" x 4.72" x 1.02")	75.3 x 120.0 x 26.0 mm (2.96" x 4.72" x 1.02")	87.0 x 109.0 x 25.0 mm (3.43" x 4.29" x 0.98")
Weight	250g(0.55LB)+/-10g(0.02LB)	340g(0.75LB)+/-10g(0.02LB)	350g(0.77LB)+/-10g(0.02LB)