



**NESS ACCESS CONTROL PRODUCTS**



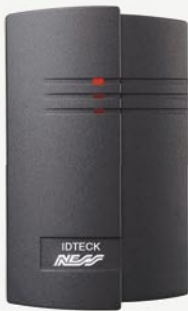
RF30 Part No. 101-062



RFK101 Part No. 101-064



RF10 Part No. 101-060



RF20 Part No. 101-061



RF-TINY Part No. 101-063

## Ness IDTeck Readers

### PROXIMITY CARD READERS

**N**ESS IDTECK RF-10, RF-20 and RF-TINY readers are attractive high technology 10cm read range proximity readers which can be mounted to metal door frame (mullion) or any flat wall surface. The electronics modules are epoxy potted to ensure successful operation even in harsh environments.

**T**he NESS IDTECK RF-30 is an attractive 30 CM (12") read range proximity reader which can be mounted to any flat wall surface. The RF-30 uses the electronics module in epoxy potting that ensure you successful operation even in harsh environments.

**R**FK-101 is an elegant looking 10cm read range proximity reader with keypad. The RFK101 has back lighting on the keypad that ensures easy operation even at night. The keypad allows you to access doors with proximity card and personal PIN numbers.



PIN



Fob



RF Card

#### RFK101

- Up to 10cm read range
- Built in 12 key numeric keypad
- User format available
- 26 bit Wiegand, RS232, ABA Track II magstripe format and 8bit burst or 3 x 4 matrix output available
- PSK modulation
- Back lighting on keypad
- 3 LED indicators, Dual Beep Tones
- High durability and reliability

#### RF10, RF20, RF-TINY

- Read range up to 10cm
- Wiegand, RS232 format
- Metal door frame, mullion (RF10, TINY) and wall mount (RF20)
- PSK modulation
- 100% Weatherproof, Solid epoxy potted
- Dual reading tech reader / Active and Passive
- Reverse power polarity protection
- User format available

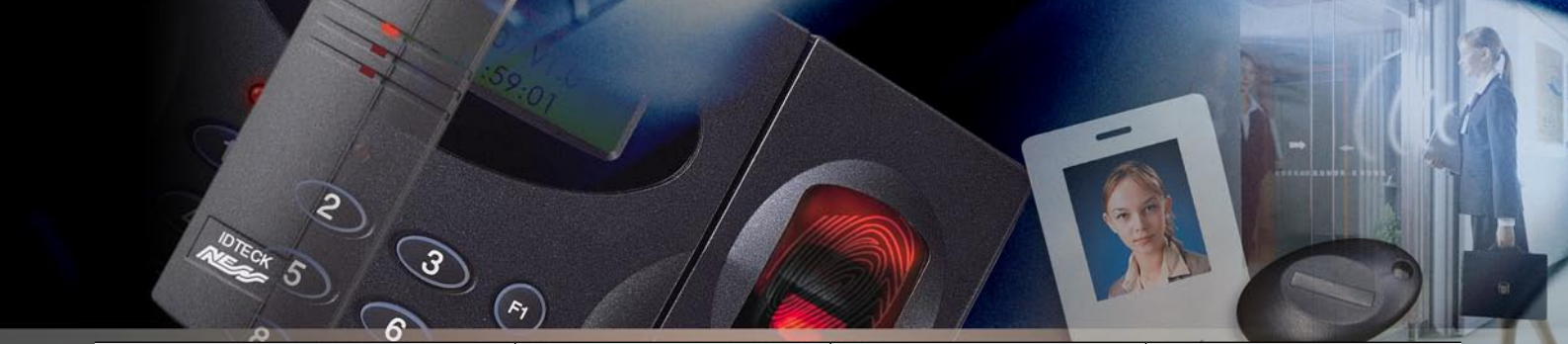
#### RF30

- Up to 30cm read range
- User format available
- Wiegand, RS232 format
- PSK modulation
- 100% Weatherproof, Solid epoxy potted

PROXIMITY READERS FOR ALL  
ACCESS SYSTEMS LARGE OR SMALL

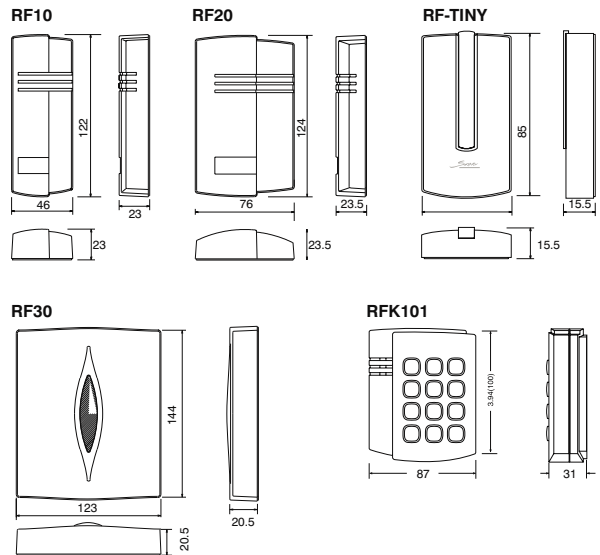
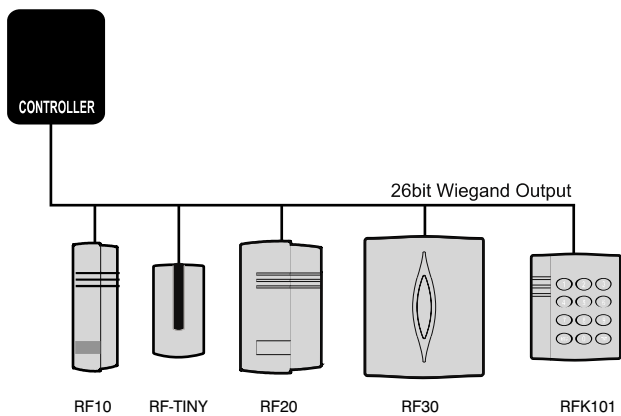


Access Control Products



SPECIFICATIONS		101-060 RF10 101-061 RF20 101-063 RF-TINY	101-062 RF30	101-064 RFK101
<b>READ RANGE</b>	IDC50 Fob IDC170 Card IDC80 Card IDA150 Card IDA200 Card	5cm 10cm 10cm 30cm 40cm	15cm 30cm 30cm 1m 1.2m	5cm 10cm 10cm 30cm 40cm
<b>READING TIME</b>		30ms		
<b>KEYPAD</b>		no	no	12 key numeric keypad with backlighting
<b>INPUT VOLTAGE / CURRENT</b>		5-12V DC	7-17V DC	12V DC
<b>CURRENT CONSUMPTION</b>		Max. 180mA @ 12VDC	Max. 250mA @ 12VDC	150mA
<b>OUTPUT FORMAT</b>		26bit Wiegand, RS232 and ABA track II magstripe (optional) format		Wiegand, RS232, ABA track II magstripe with 8 bit burst or 3 x 4 matrix format
<b>EXTERNAL BUZZER CONTROL INPUT</b>		Low active, 0-5V DC, Max. 50mA, Impedance 10K ohm		
<b>EXTERNAL LED CONTROL INPUT</b>		Low active, 0-5V DC, Max. 50mA, Impedance 10K ohm		
<b>LED BUZZER</b>		2 color LED (Red and Green), Piezo Buzzer		3 LED (Red, Green, Yellow)
<b>OPERATING ENVIRONMENT</b>		-35°C to +65°C		
<b>WEIGHT</b>		RF10: 160g RF20: 185g RF-TINY: 80g	370g	190g

SYSTEM CONFIGURATION



[www.ness.com.au](http://www.ness.com.au)

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