

# product specifications

## physical characteristics

**Length**  
8.9 cm (3.5")

**Height**  
11.4 cm (4.5")

**Width**  
20.1 cm (7.9")

**Weight**  
2.6 kg. (5.7 lb)

## network interface

9180 network controller

9185 RF SNA controller

0200 Universal controller

## control unit interface

**Data Rate**  
64 to 256 Kbps

NRZI

## RF data communications

Direct sequenced spread-spectrum radio

Bi-directional RF communications to base station

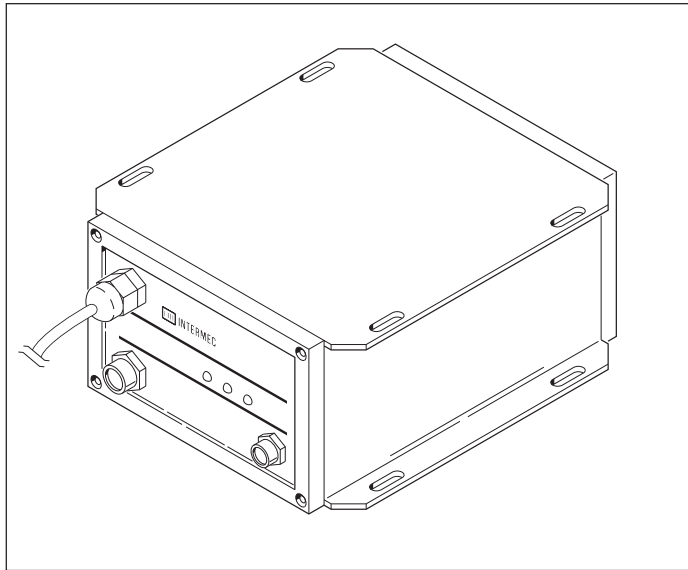
**Power Output**  
250 m Watt maximum

**Frequency**  
902 to 928 MHz per FCC part 15

**Data Rate**  
122 Kpbs

**Protocol**  
Error-correcting packet protocol

**Channels**  
7, user programmable



## status indicator lights

Power On

Transmit

Receive

## connectors

**Data Port**  
Watertight military circular-type connector

**Antenna**  
Watertight TNC

## electrical

100 to 240 VAC, 50/60 Hz

## environmental

**Operating**  
-20° to 50° C (-4° to 122° F)

**Storage**  
-40° to 70° C (-40° to 158° F)

**Humidity**  
Non-condensing (10 to 90% RH)

Verified by UL and CSA for compliance to IEC 529 Level IP53, suitable for use in damp locations, CSA enclosure type 3.5

## regulatory approvals

UL Listed, UL 1950

CSA Certified C22.2, No. 950-M89

FCC Part 15 Certified

Industry Canada TRC-76 Certified



**print!  
capture!  
connect!**

# 9181

## 900MHz RF base station transceiver

### north america

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