

# RCM10

## Industrial GSM Tri-band Modem

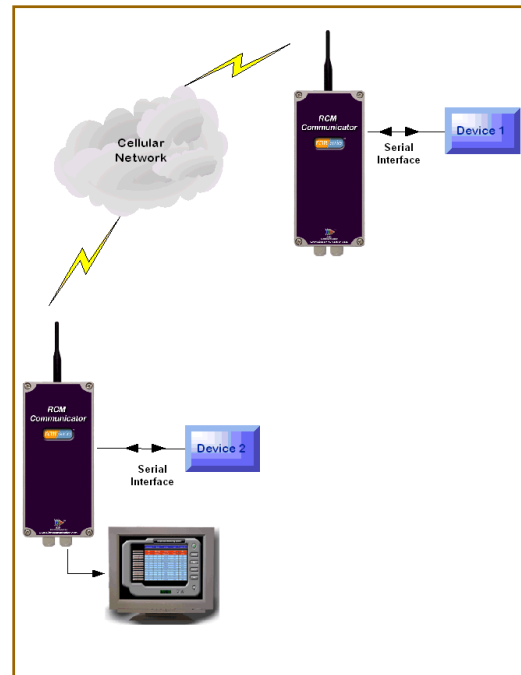


- ◆ Tri-band 900/1800/1900 MHz (operates worldwide)
- ◆ Advanced RISC processor on-board
- ◆ Advanced Power Management
- ◆ Built-in Management Software
- ◆ Integrated SIM card reader

# RCM10

## Features and Specifications

- Tri-band 900/1800/1900 MHz (operates worldwide)
- Advanced RISC processor on-board
- 100% True Transparent Communication Link
- Advanced Power Management
- RS232 Interface
- Integral SIM Card Holder
- AT Command set (GSM 07.05 and 07.07)
- User-Friendly built-in Management Software for easy configuration
- Low Power consumption
- Extended temperature range
- OEM Board available
- Designed for Industrial applications
- Industrial Grade system, Rugged IP rated enclosure with zero-cavity ensuring dust, dirt or any residue and condensation does not hinder the long-term operation of your system
- Sub-zero operations, ideal for external or field-base application
- Supplied ready-to-operate



### Environmental Specifications

|                               |               |
|-------------------------------|---------------|
| Maximum Storage Temperature   | -40°C to 80°C |
| Maximum Operating Temperature | -30°C to 60°C |

### Electrical Specifications

| Characteristics              | Min | Typical | Max | Units |
|------------------------------|-----|---------|-----|-------|
| Supply Voltage               | 6   |         | 12  | Vdc   |
| Supply Current: -            |     |         |     |       |
| In communication             |     | 200     |     | mA    |
| Peak in communication        |     | 1.5     |     | A     |
| Idle mode                    |     | 30      |     | mA    |
| Output Power: -              |     |         |     |       |
| Class 4 at GSM 900 MHz       |     | 2       |     | W     |
| Class 1 at GSM 1800/1900 MHz |     | 1       |     | W     |

### Frequency Options

|     |                       |                       |
|-----|-----------------------|-----------------------|
| GSM | TX band 880-915 MHz   | RX band 925-960 MHz   |
| DCS | TX band 1710-1785 MHz | RX band 1805-1880 MHz |
| PCS | TX band 1850-1910 MHz | RX band 1930-1990 MHz |

### Interfaces

- SIM Holder (accepts standard SIM cards)
- Serial RS232
- SMA antenna connector (50 ohm)

### Ordering Information

| Part No     | Description  |
|-------------|--|
| A-RCM10     | RCM10 Industrial GSM Tri-band Modem                      |
| A-RCM10-OEM | RCM10-OEM Industrial GSM Tri-band Modem                  |
| H-GSM-SMA   | 1/4 Wave SMA Antenna (please specify required frequency) |
| H-DC-1M     | 1m Data Cable  |

Technical features are subject to change without notice. A2B Communication does not assume responsibilities for any damage caused by the device's misuse.