

# CARD READER INTERFACE



## FUNCTIONALITY

- Provides interface from the industry standard Wiegand protocol used in card access readers to the CTM-15X modem
- Provides interface from the Maxim i-Button® to the CTM-15X modem for driver ID and other i-Button applications
- Provides acceleration/impact data for applications where motion tracking and impact detection is required

## FEATURES

- Small and rugged 63.1mm x 47.7mm x 23.5mm
- Manufactured to industrial specifications (-30° C to +80° C temperature ranges)
- 10 position terminal block for:
  - Power (input)
  - Proximity reader (input)
  - i-Button (input)
  - Accelerometer (output)
  - Modem interface (output)
- DB-9, RS-232 serial port for alternate output
- Firmware upgradeable via device serial port
- 2 x LED's for device status



## HOW IT WORKS

- Card access (RFID) or i-Button readers connect to terminal block portion of the Card Reader Interface
- Connection to the modem is made via the terminal block on the interface device to the I/O terminal block on the modem OR via the interface DB-9 serial port and the modem DB-9 serial port
- Card Reader Interface forwards the card access/i-Button data to the Chameleon CTM-15X modem for wireless RFID management
- Device acceleration/deceleration information is forwarded to the Chameleon CTM-15X modem for monitoring vehicle motion and impact detection

