

# SUTRON Protocol

## Connector Configuration Parameters

### RTS ON DelayX10ms

Enter a number from 0 to 255 (0 to 2.55 seconds) to delay sending a message after turning on Request To Send (RTS). Commonly used with modem communication to allow additional time for the modems to synchronize.

### RTS OFF DelayX10ms

Enter a number from 0 to 255 (0 to 2.55 seconds) to keep RTS on after a message has been sent. Commonly used to keep a radio on for a short period of time at the end of a message.

### Handshake Option

If Full Handshake is selected the Omnii-Comm will assert RTS and wait for CTS before sending a message. RTS will be turned off after the message has been sent. If Constant Carrier is selected the Omnii-Comm will assert RTS when it sends its first message and leave it asserted. It will wait for CTS before sending. If Ignore CTS is selected, RTS will be asserted before sending a message and removed at the end of the message. The CTS input will be ignored. If No Handshake is selected, RTS will be asserted when the Omnii-Comm sends its first message. RTS will not be turned off at the end of the message. The CTS input will be ignored. If Activity Monitor is selected, the Omnii-Comm will check the DCD input before sending a message. If DCD is ON, the Omnii-Comm will delay sending the message.

### Retry Count

The number of times a message will be retried before an error is reported

## Option Bit Parameters

### Use Radio Key

If checked, Bit 0 in a register specified by the "Radio Key Address" on the Header configuration screen will be turned ON before a message is sent and turned OFF after the message has been completed.

### Enable LRC

Check this box to enable LRC Checking. Uncheck the box to disable checking.

## Protocol Extension Table Parameters

Not used with this Protocol.

## Poll Table Read Parameters

Polling tables for Sutron are not implemented. The Sutron RTU sends data on a periodic basis.

## Poll Table Write and Error Parameters

INVALID SELECTION Can not write to Sutron.

**Note:** System Error Protocol Definitions are the same as Poll Table Write and Error Parameters

## Database Extension Table Parameters

Index	Name	Size
0	INVALID SELECTION	