

MANUAL

For Trident RFID System Timing Units



PCISATCOM



P.O. Box 6711, Thousand Oaks, CA 91360
(805) 492-0562

The PCISatcom will transmit chip times by satellite from anywhere in the world to your servers within about 10 seconds. Satellite communication requires the transceiver (PCISatcom) and pre-paid airtime (CREDITS). Your PCISatcom came with 150 CREDITS.

MOUNTING

1. Mount the PCISatcom about 6 feet off the ground with no obstructions above the unit in a 30 (ideally 45) degree cone.
2. Position Trident System to accept RFID Tags.

START UP

1. Attach the Ethernet cable between PCISatcom and Trident unit.
2. Attach the power cord to the PCISatcom. (Use external power if necessary)
3. The LED below the push button switches on the PCISatcom will start blinking in about 1 minute
4. Wait until the blink pattern is 1-1 (1 Red, 1 Green)
5. PCISatcom is now ready to receive and transmit RFID data via satellite.

SHUT DOWN

1. Push and hold the HALT button (bottom button) for 5 seconds.
2. Wait until LED stops blinking - PCISatcom will shut down.
PCISatcom will empty its buffer, transmit data to satellites and shut processor down.
3. Remove power and pack up unit for transport.

SPECIFICATIONS

1. 2.4 Watt minimum power requirements
2. 12VDC Connector 5.5 x 2.1mm (Center post +)
Barrel length 9.5mm or 11mm with lock screw
3. 5VDC 3.5 x 1.35 mm (Center post +)

FIRMWARE UPGRADE

1. Attach Ethernet cable to PCISatcom and an Ethernet port that is connected to the Internet
2. Hold down either button and power up PCISatcom (attach power cable to 12VDC)
3. Wait until LED blink starts and release button.
4. The PCISatcom will connect and automatically retrieve the latest firmware upgrade.
5. LED Blink Pattern during upgrade
 - 2 1 look for upgrade 1
 - 2 2 look for upgrade 2
 - 2 3 look for upgrade 3
 - 2 4 look for upgrade final (shutdown in 1 minute)
6. Remove power and Ethernet after LED is off

EXTREME WEATHER

In extreme wet weather conditions put a plastic bag over the entire unit. Avoid water or snow accumulation on the top. The only area of possible water leakage is around the push button switches or power receptacles.

REMOTE COMMUNICATION

1. Power up PCISatcom (attach 12V DC source)
2. Wait for LED Red+Green blinking
3. Press a button for 1 sec (but less than 3 seconds) for pairing
4. Initiate Scan on smart phone with Chat App*
(*Bluetooth Chat by Glodanif Communication)
5. Look for PCISatcom Bluetooth connection
6. Pair to PCISatcom
7. Open Chat App
8. Initiate Chat.
9. Precede each Chat message with @NNNNN followed by a space
(NNNNN is the 5 digit Serial Number of the unit you want to chat with)

SPECIAL Commands for Chatting

@history would retrieve unread messages while unit was on
@poll would retrieve unread messages while unit was turned off
@help brings up options
@signal displays signal strength past minutes recent first
@Peter2 msg sends email to info@.... from NNNNN
Reply to message sends reply to NNNNN
@email:user@domain msg send email and authorizes reply
@email:user@domain puts user@domain on white list

Chatting within Satcom network:

@NNNNN Message sends chat to NNNNN from PCISatcom Station
REBOOT - Press and hold for 5 seconds Upper button

LED BLINK PATTERNS

Red-Green

- 1 1 running no data in input buffer or satellite send queue
- 1 2 running no data in buffer but data in satellite send queue
- 1 3 running data in input buffer
- 1 5 starting look for upgrade
- 2 1 look for upgrade 1
- 2 2 look for upgrade 2
- 2 3 look for upgrade 3
- 2 4 look for upgrade final (shutdown in 1 minute)
- 3 1 startup initial
- 3 2 startup looking for internet
- 3 3 looking for joey
- 3 4 found joey
- 3 5 did not find joey

WARRANTY

PCISatcom has a 1 year warranty from purchase date against workmanship and functional defects. Please contact PhotoCrazy if there are any problem and the unit will be replaced or repaired. If you wish to return your unit for any reason, we offer a buy back option of \$200 during the warranty period. Contact us for buy back options outside the warranty period.

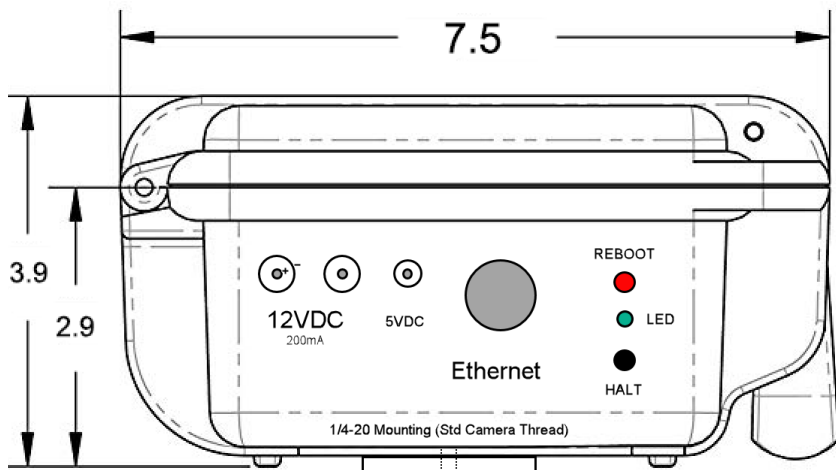
NOTE: Breaking the warranty seal or tampering with the case, locks or security screws will void the warranty and buy back. Please do not drill holes or put screws into the case unless you get written permission from PhotoCrazy.

CUSTOMER SUPPORT

Please contact customer support 24/7 via phone, text or email. We will do our very best to respond in a timely and helpful manner.

(805) 492-0562 (Land Line) (805) 443-2200 (Cell)

info@photocrazy.com



PCISatcom Side View