



## Trident TM Pro-XWR Reader

The TM Pro-XWR is the professional reader with all the bells and whistles. We've added enhanced features by working closely with our professional race timers so everything you need is built into a lightweight ergonomic case weighing in at only 7kg.

Includes **Bluetooth, USB, Ethernet & Wi-fi** communications with **integrated 3G Comms** and **SIM card** for web connectivity and **radio modem** for mesh networked remote split or spotter systems. Also has **DHCP** (dynamic host configuration protocol) allowing network devices to automatically obtain a valid IP address.

The standard system supports 4 x Ultra ProMats or Ultra ClubMats. Power efficiency is up to 4x better than Legacy Readers!

Start time is less than 1 second with system instantly ready from power up.

### Key Features

- Robust, waterproof, small (L27 x W24 x H18 cm) durable plastic, latching case
- Supports four (3M or 6M) Timing UltraMats
- 12VDC, 9Ah internal battery
- Power monitoring system with LED battery level indicator
- Fully digital receiver technology
- Instant-ready system from power up. Start time is < 1 second.
- Color LCD display showing key information:
  - unique tag reads
  - IP address
  - socket in use
  - date/time
  - and more
- Robust connectors
- Trigger Timestamp Input
- Internal Beeper (can be disabled by configuration)
- External Beeper option
- External Display Clock interface (RS485)
- SD card data storage
- Bluetooth, Ethernet and USB
- Plug in a USB cable and the reader becomes a computer drive (e.g. E:) to extract files from
- Web Server administration
- Can support active transponders, with very large receive loop dimensions (up to 20m x 1m coverage, per loop, using standard hookup wire).
- Closing Contact Relay to initiate still camera or video recording on detection of tag
- Receivers and transmitters report their status
- Reverse polarity protection with fast acting breaker

## Enhanced Communications at no extra cost

We have built in Wi-Fi, 3G and radio communications as standard.

Integrated 3G enables mobile ultra fast-broadband Internet access to your Pro reader along with a USB 3G dongle for your laptop. This means that the laptop and reader can talk to each other from anywhere with 3G coverage.

And when you don't have 3G coverage we've installed point-to-point Radio communications built into your reader. The radio provides a wireless serial connection of up to 10 km so you can link your laptop with several Club or Pro readers creating a wide Local Network.



## Trident TM Club Reader

The Time Machine Club is ideal for small events and clubs. Club members aren't timing events every day and often aren't technically minded, so we've kept things simple on the outside to make it easy for you to set up, and turn on. But the smarts on the inside are all there and packed into a small, lightweight, waterproof plastic latched 'pelican case'.

The standard system supports two x Ultra ClubMats or ProMats and is up to 4 times more power efficient than what you are used to. That translates into 7 hours minimum expected operational life on the internal battery.

And start up time is less than 1 second with system instantly ready from power up. Simple as that!

### Key Features

- Robust, waterproof, small (L27 x W24 x H18 cm) durable plastic, latching case
- Supports two (3M or 6M) Timing UltraMats
- 12VDC, 9aH internal battery
- Power monitoring system with LED battery level indicator
- Fully digital receiver technology
- Colour LCD display showing key information:
  - unique tag reads
  - IP address
  - socket in use
  - date/time
  - and more
- Robust connectors
- Trigger Timestamp Input
- Internal Beeper (can be disabled by configuration) and External Beeper interface
- External Display Clock interface (RS485)
- SD card data storage
- Bluetooth, Ethernet and USB
- Plug in a USB cable and the reader becomes a computer drive (e.g. E:) to extract files from
- Web Server administration
- Can support active transponders, with very large receive loop dimensions (up to 20m x 1m coverage, per loop, using standard hookup wire).
- Closing Contact Relay to initiate still camera or video recording on detection of a tag
- Receivers and transmitters report their status
- Reverse polarity protection with fast acting breaker

### Enhanced Communications

TM Club : the base system comes with Bluetooth, Ethernet and USB as standard with Static IP address.

TM Club-XR : Base system with additional Wi-Fi and point-to-point Radio Comms. Can also accept a plug-in USB 3G Comms dongle for sending data to the web and has DHCP (dynamic host configuration protocol) which allows network devices to automatically obtain a valid IP address.

All our systems come as bundles.

Enhancement Key:

X - Wifi, dongle 3G, dhcp

R - Radio Modem Comms

W - Web enabled (integrated 3G)