

T200

8 port Real-time Switch



Specifications as in R200 and:

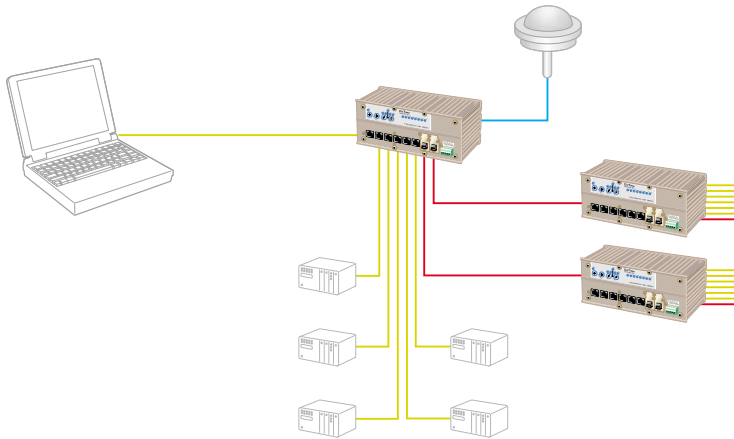
- ⌘ GPS synchronised time server
- ⌘ GPS receiver interface supports RS-232 or RS-422
- ⌘ Satellite signal failure highlighted via SNMP
- ⌘ NTP/SNTP server integrated in switch
- ⌘ Compliant with RFC2030 or T1588
- ⌘ Accuracy better than 0.2 μ s
- ⌘ Accuracy independent of network load
- ⌘ Free running clock
- ⌘ Time reference from:
 - external GPS, or internal clock

Field of application

The T200 is based on the RingSwitch. Therefore, all the critical switch functions are incorporated into these units. The addition of an embedded time server into the switch that supports NTP/STNP (Network Time Protocol/Simple Network Time Protocol) and T1588 provides precise time stamping. When such protocols are used with packet prioritization, high accuracy sequence of event recording or time stamps an accuracy of 1 μ s is possible.

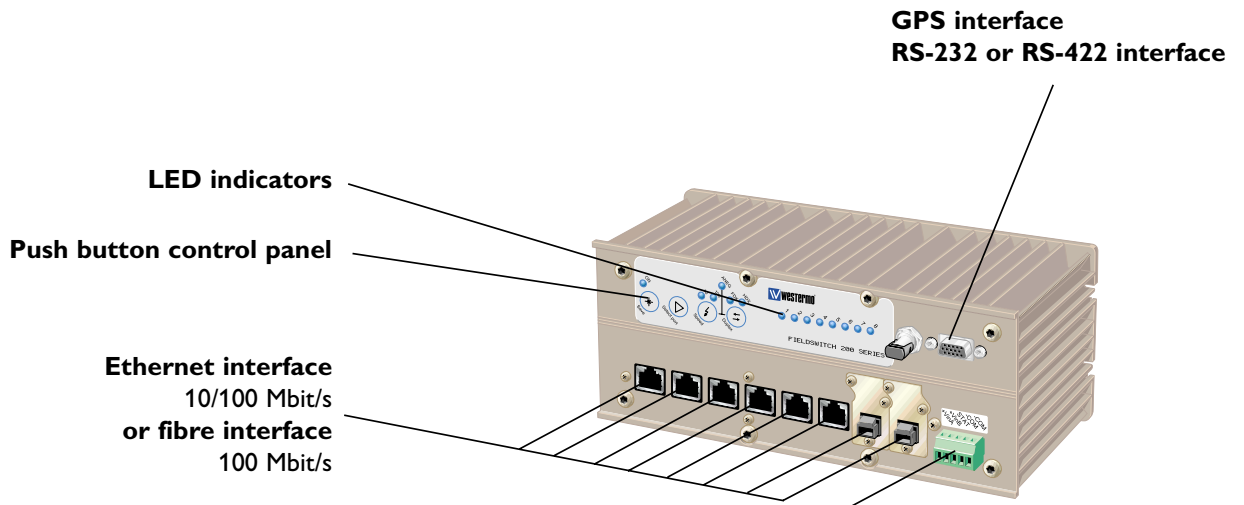
In addition, to aid network management the switches support SNMP. Firstly, proactive monitoring of a network can highlight intermittent failures and trend switch operating parameters. Secondly, switches can reactively report errors and failures back to an SNMP client for display within a SCADA application. A user configurable volt free fault contact enables users to simply highlight a fault caused by redundancy manager failure, link failure or internal watchdog failure.

Application



See other T200 applications on pages 37 and 47

Interfaces



Power

	T200 multi or single mode
Rated voltage	19–60 VDC (polarity protected)
Rated current	250 mA @ 24 VDC
Rated frequency	DC
Connections	Detachable screw terminal

Data sheet available on www.westermo.com