



# QTC Traffic Solutions

## NEW \*CM3248-VC6 Traffic Controller

**QTC Traffic Controller** New CM3248-VC6 Command Module fully compatible with latest TRAFF versions and amendment to TSC/4.

The new Command Module CM3248-VC6 from QTC was designed to run the latest RMS Traff VC6 software. The module name CM3248-VC6 is derived from the software supporting 32 signal groups, 48 loops inputs plus 8 pedestrian push button inputs plus additional SPIP and SPOP 24/24 and latest VC6 Traff version for the latest SCATS 6.9.4. Up to 32 XSF and 32 MSS Flags are also incorporated on this latest revision of the QTC Command Module.

### The new CPU consists of three processors running at 240MHz:

- ▶ Processor 1 runs RMS' Traff and QTC's HRS (Hardware Related Software).
- ▶ Processor 2 runs the Secondary Conflict Monitor.
- ▶ Processor 3 runs a dedicated web server.

### The processors have:

- ▶ Internal 4MB flash memory with the possibility of securing the memory against unauthorised access.
- ▶ Internal 512KB of RAM memory.
- ▶ External flash memory of 32MB for Processors 1 and 3.
- ▶ External 2MB RAM for Processor 1, expandable to 16MB.
- ▶ External SDRAM of 64MB for Processor 1 and 32MB for Processor 3, both expandable up to 128MB.



One advantage of running from internal memory is that both the flash and RAM are exceptionally fast: 120MHz (equivalent to an 8.3ns access time) and 240MHz (equivalent to 4.3ns access time) which are much faster than anything achievable with external memory.

Communication between Processor 1 and Processors 2 and 3 is via USB2.0 signaling.

\*Certification Pending

