



Traffic Intelligence Module (TIM) is a programmable device that can run custom traffic control algorithms. TIM provides a state-of-the-art solution for traffic control and lets you take control of your traffic.

Note: Under ITSPE's policy of continuous development and improvement, this product may undergo changes in the future.

TRAFFIC INTELLIGENCE MODULE

Programmable traffic control device

TIM is a compact programmable hardware platform designed for use with traffic signal controllers. It comprises of a processor card and an I/O card. Users can load their own traffic control logic scripts written in Lua onto the processor. These scripts can access data from the traffic controller and detectors and drive outputs or send commands via the TIM I/O card. TIM can also be used as a local data logger to capture traffic data to its microSD card.

The TIM I/O card is available either with 8 inputs & 8 outputs or with 48 inputs and 16 outputs. The TIM unit is supplied with wiring looms to simplify its connection to the controller and it operates from the controller's own internal power supply using less than 2W.

A sample list of applications where TIM provides a cost-effective solution includes:

- Bus priority and compensation
- Customised VA logic
- Control logic using input from advanced detectors providing more than vehicle

- User defined plan switching logic
- Selective vehicle detection and priority
- Traffic monitoring and real-time alerting
- UG405 based communication to UTC/ATC systems

This is by no means an exhaustive list. Please contact us to discuss your requirements.

Regardless of the unique nature of your traffic problem, TIM can help you achieve your goals.

ORDERING INFORMATION

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