PRODUCT DATA SHEET

Motus Morph

Product Features

- Implements the latest MOVA 8 Kernel with support for up to 4 MOVA streams
- Comprehensive 'web-based' suite allowing easy access to all outstation features
- Implements the latest UTMC/UG405 protocol
- Real time clock – synchronised from the Instation or other NTP server
- Free-standing platform for the Motus Remote Monitoring System
- Available as both a free-standing or serial linked version
- Supports 192 inputs and 96 outputs

Powerful, flexible and high performance outstation platform for use in a wide range of traffic applications. Utilising the latest ARM processor technology this compact unit is capable of providing the interface to traffic signal controllers for a variety of outstation applications such as MOVA, UTC and Remote Monitoring.

Available as both a free-standing or serial linked version the outstation can interface with any traffic signal controller. Connection to the Motus TM-150 traffic signal controller can be made via serial link removing the need for input/output expansion cards and speeding up the installation process. As a free-standing version for third party controllers the outstation supports up to 6 input/output cards each supporting 32 inputs and 16 outputs.

Remote Monitoring

Following on from the success of the Motus Remote Monitoring System (Motus RMS) which is integral on all TM-150 traffic signal controllers.

Motus RMS will soon be available on the Motus outstation as a free-standing platform allowing connection to any third party controller.

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MOVA

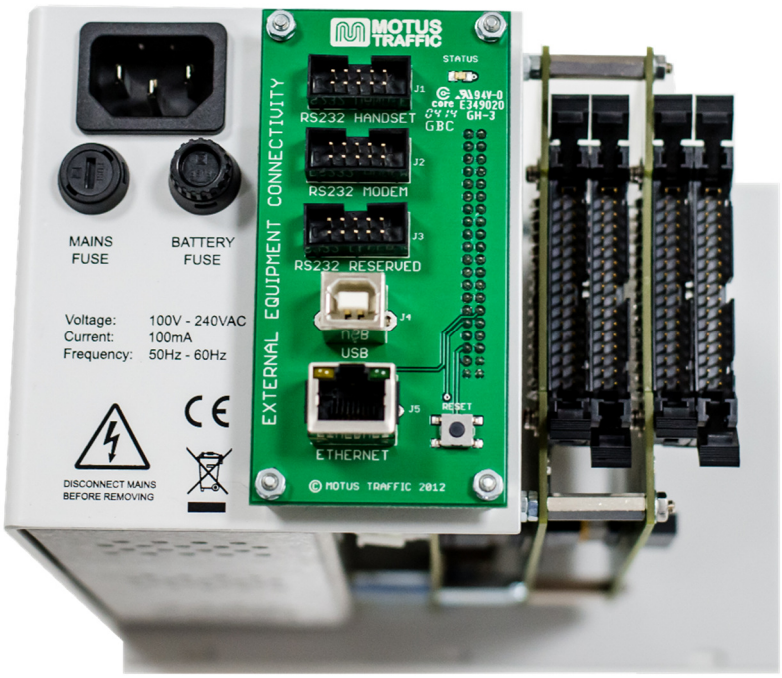
Implementing the latest MOVA 8 Kernel, the Motus outstation supports up to four 4 MOVA streams. Setup and commissioning is via a 'web-based' user interface allowing easy access to all features. Multiple MOVA commissioning streams can also be displayed simultaneously.

UTMC

Implements the latest UG405 protocol allowing connection to any UTMC compliant UTC/SCOOT system. The UG405 protocol allows a wide range of communication solutions to be used.

Hardware

- Powerful ARM9 processor running embedded Linux
- Automatic recognition of peripheral modules removes
- the need for card addressing allowing a plug-and-play approach
- Hardware configuration settings stored in non-volatile memory
- Automatic restart without intervention after supply failure
- Uninterruptible power supply allowing notification of power failure and safe shutdown
- Supports up to six input/output cards each supporting up to 32 inputs and 16 outputs
- Supports a number of interfaces including two Ethernet ports, RS232, RS485 and USB 2.0, allowing easy connect ion to a wide range of different applications
- Integrated Alphanumeric LCD support
- Separate socket panel board allows easy replacement



Due to continuous efforts to develop products that are responsive to customer needs, the above specifications are subject to change

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