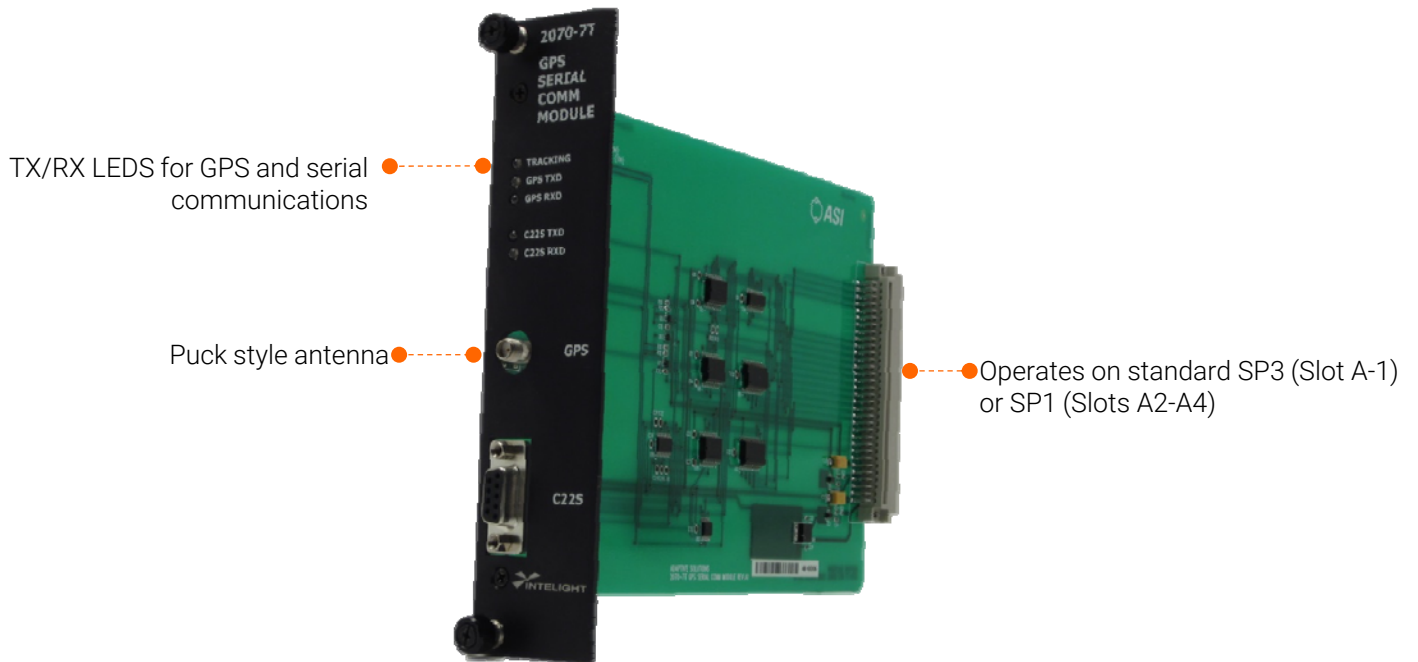


Overview

Intelight's 2070-7T GPS serial communications module provides a reliable and independent GPS time reference for any 2070 Controller and Intelight's ATC and NEMA X-Series controller applications. Sync your controller time-clock to GPS satellites to ensure accurate coordination and event/data logging.



Specifications

- Operating temperature range
 - -40°C to +85°C
- Power consumption (typical)
 - 100mA @5V
 - 10mA @12V
 - 125mA @12V ISO
- Antenna
 - 28dB gain
 - 3m cable
 - SMA male
- C22S serial port
 - DB9 female
 - EIA-232
 - Up to 38,400 bps
 - Electronically isolated
 - 2070 SP2/SP4
 - Full modem control when used as SP2 (RTS/CTS/DCD)

Features

- GPS receiver operates on SP3 (slot A1) or SP1 (slots A2-A4)
- Additional DB9 EIA-232 serial port (C22S) operates on SP4 (slot A1) or SP2 (slots A2-A5)
- Fully hot swappable
- Tracking LED indicates GPS satellite acquisition status
- Puck-style stud-mount active GPS antenna included
- Microwave OS-9™ clock update application included (operates with any 2070-1A, -1B CPU module)
- Operates with any Intelight 1C module or NEMA X-series and LDX (ATC) controllers
- GPS loopback mode to DB9 (C22S) permits use as PC-hosted GPS receiver
- Standard NEMA-0183 GPS output message structure for custom integration
- Meets or exceeds all applicable current CalTrans 2009 TEES

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