

## 9-Port Titan Digital Pod



### Key Features:

- Adds digital input capability to Titan Channel Expanders
- Provides six dedicated CAN/CAN FD inputs, plus GPS, IMU, and Quad Encoder inputs on top-mount connectors.
- Configuration options include:
  - ECU CAN
  - CAN FD
  - SAE J1939
  - Wheel Force Transducers
  - GPS
  - Inertial Measurement Unit (IMU)
  - Quadrature Encoder
- CANbus rates up to 2Mb (CAN FD)
- Supports CANbus Normal and Silent (monitor) modes
- Support for the 3DM-GX5 IMU
- Data synchronization to 1 msec or 1 scan period
- Also available as an expansion card for Titan Mini-Recorders (provides 3 CAN/CAN FD inputs, plus GPS and IMU)

### Specifications:

<i>Multiple Digital Sensor Support</i>	CAN/CAN FD (ISO and non-ISO) SAE J1939 Wheel Force Transducer protocols, including Kistler and Michigan Scientific Garmin GPS LX18-5Hz [12 channels + PPS] or U-Blox GNSS Sensor Lord Microstrain 3DM-GX5 IMU [6 DOF channels and 3 Euler channels] Quadrature Encoder
<i>Input Connectors</i>	Nine DB9 male (DB25 for the expansion card version)
<i>Data Rate</i>	12 Mbps (1.8Mb for the expansion card version)
<i>Input Levels</i>	CAN – ISO 11898-2 compliant GPS – RS232-TTL (0-5V)
<i>Input Rates</i>	CAN – 250K, 500K, 1M bps GPS – 38400 bps IMU – 115K bps
<i>Case Dimensions</i>	13.5cm x 10.6cm x 4.0 cm (L x W x H) / Weight 325g

