



TITAN Digital Pod

Digital Input for Titan Mini-Recorders and Pods

Key Features:

- Adds digital input capability to Titan Mini-Recorders and Pods
- Connects to Titan hardware with a supplied 6-wire Serial Cable that provides communication, power, and synchronization on a single cable
- Provides dual CANbus inputs, plus GPS and Serial data inputs
- Available configuration options include:
 - GPS
 - Inertial Measurement Unit (IMU)
 - SAE J1939
 - ECU CAN
 - Wheel Force Transducers
- CANbus rates up to 1Mb
- Supports CANbus Normal and Silent (monitor) modes
- Support for the 3DM-GX3 IMU [6 DOF channels and 3 Euler channels]
- Data synchronization to 1 msec or 1 scan period



Also available as a Mini-Digital Pod expansion card (adds a DB25F connector to the rear of the Mini-Recorder)

Specifications for the Titan Digital Pod:

<i>Multiple Digital Sensor Support</i>	Garmin LX18-5Hz (12 channels + PPS) SAE J1939 ISO 15765 (ECU CAN) Wheel Force Transducer protocols, including Kistler and Michigan Scientific 3DM-GX3 IMU Serial inputs
<i>Input Connectors</i>	DB9M (CAN/Serial) RJ11 (GPS)
<i>Data Rate</i>	921600 bps output
<i>Input Levels</i>	CAN – ISO 11898 compliant GPS – RS232-TTL (0-5V) Serial – RS232-TTL (0-5V)
<i>Input Rates</i>	CAN – 250K, 500K, 1M bps GPS – 38400 bps Serial – up to 921600 bps
<i>Dimensions</i>	External version - 9.2 cm x 5.7 cm x 2.7 cm (L x W x H)