

510-0300 PKE Module/Controller (Sealed)



TriMark's e-ASK systems consist of a selection of compatible components that allow for complete keyless entry for on and off-highway vehicle applications

DESIGNED FOR:

- Sealed controller to work with TriMark's Passive Keyless Entry System
- Incorporation into TriMark mechanical latches and handles by providing keyless entry, security and convenience for access door systems through a RF remote fob electronics
- Integration to existing or independent SAE J1939 or other CAN based multiplexing buses
- SAE J1939 at 250K/500K/1M or RVC to enable communications with other modules
- Ability to "wake on CAN" messages allows power saving mode



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TriMark



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FEATURES/BENEFITS:

- 12V DC (or 24V DC) operation
- Low Power consumption mode draws 4.5mA of electrical current in deep sleep mode
- SAE J1939 at 250K/500K/1M or RVC to enable communications with other modules
- Software adaptable to OEM specific requirements
- Ability to wake other vehicle controllers via CAN
- 4 configurable (High or Low) inputs
- 4 Low side outputs (500mA)
- 433 MHz Radio Frequency (RF) communication with key fobs (range up to 50m)
- Controller can sync with 50 different key fobs
- Ability to control more than 10 different functions via key fob (including CAN messages)
- 125 KHz Low Frequency (LF) communication with Fobs that enables passive entry, push to start, and immobilization functions
- Up to 2 exterior doors can utilize passive entry
- Up to 3 LF antennas can be utilized for fob detection. These are configurable and can be used for exterior for entry, or interior for immobilization
- LF/RF communication handshakes preventing security threats

AVAILABLE:

- Sealed water resistant enclosure with high quality Deutsch connectors - (2) 12 pin connectors provides rugged and durable construction - compliant to on-road, off-road, and industrial environmental requirements

USE WITH:

- TriMark 500-1300 e-ASK PKE System (Sealed)
- TriMark 530-0400 PKE e-FOB
- TriMark 590-1200 PKE Antenna
- TriMark Capacitive sense enabled products
- TriMark 550-0100 Power Lock Compact Actuator

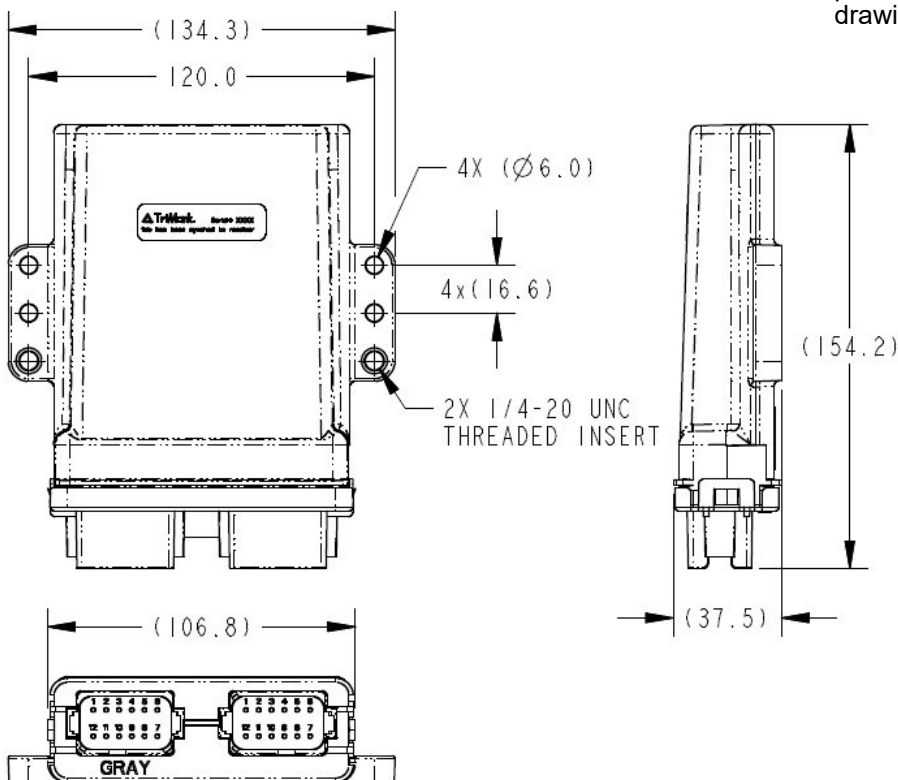
INSTALLATION:

- I/O module is easily installed with (2) 1/4" or M6 screws (not included) and can be mounted in a variety of locations

US Patent No. 8,350,669 / 8,976,014 / 10,385,594 / 10,909,785

U.S. Design Patent No. D907,589

Individual part dimensions are for reference only. Refer to individual part drawings for complete dimensions, specifications, and installation procedures. Engineering assistance and application drawings are available.



**For more information visit
www.trimarkcorp.com**

