ADVANTECH   **MyAdvantech**

TREK-688

Premium In-vehicle Computing Box for Surveillance & Fleet Management

Main Feature

- 4th generation Intel® Core™ processor
- Easily paired with TREK in-vehicle smart displays (TREK-303/306) via a single-cable connection
- Embedded Stretch S7 video encoder supports up to 16 analog video inputs and 8 audio inputs
- Dual external HDD/SSD tray with key-lock protection
- Vehicle diagnostic interface with configurable dual CAN (J1939, OBD-II/ISO 15765) and J1708 (J1587) protocols
- Built-in, GNSS, WLAN, Bluetooth, and LTE/WWAN (with dual SIM cards) modules
- Intelligent vehicle power management system for ignition on/off/delay and power protection functions
- Wide operating temperature range (-30° C ~ 55° C), supports 12/24 V vehicle power (ISO 7637-2), and shock and vibration tolerant (MIL-STD-810G and 5M3)

Introduction

TREK-688 is an industrial-grade, dual-core computing box designed to provide high-quality video surveillance and fleet management for BRT (Bus Rapid Transit) , MRT (Mass Rapid Transit) and trains. TREK-688 delivers tracking and positioning and also supports dead-reckoning, which allows a truck to be traced even if the driver is in a tunnel. It supports the J1939 protocol for vehicle diagnostics and driver behavior management, and it supports high-quality, MJPEG, H.264 recording, and transmission for up to 16 camera inputs. It has dual Gigabit Ethernet w/M12 connectors and dual display/dual audio interfaces which support different resolutions. Each camera input provides motion detection capabilities; there are 8 audio inputs. The TREK-688 provides reliable on-board recording and can transmit images or alarms for remote monitoring over WLAN, or LTE/WWAN network connection.

Ordering Information

Part No.	Description	RoHS	List Price
TREK-688-00A0E	COMPUTER SYSTEM, Assy TREK-688 i3/4GB RAM,barebone	RoHS	
TREK-688-01A0E	COMPUTER SYSTEM, Assy TREK-688 i5/4GB RAM,barebone	RoHS	
TREK-688-02A0E	COMPUTER SYSTEM, Assy TREK-688 i7/8GB RAM,barebone	RoHS	
TREK-688-7LWB7PA0E	COMPUTER SYSTEM, i7-4650U/LTE/HSPA+(EU)/GPS/WLAN/BT/Win7Pro 32bit	RoHS	
TREK-688-7LWB7PB0E	COMPUTER SYSTEM, i7-4650U/LTE/HSPA+(US)/GPS/WLAN/BT/Win7Pro 32bit	RoHS	