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Modern smart transportation not only means collecting data from across a smart city, it also means relaying that information to commuters. Commuters now expect relevant information to be presented to them in an efficient but also interactive manner. Responding to the requirements for next-generation embedded hardware and software solutions today, Axiomtek is ready to team with our transportation provider partners and head into the age of a dynamic smart city that survives on the arteries of a more intelligent transportation infrastructure.

Along with intelligent transportation applications in vehicle, railway, marine or other station and facility usages, Axiomtek is committed to providing the various of intelligent transportation solutions to pave the way for more intelligent unified mobility management platforms that will drive the overall success of smart cities.

Intelligent Transportation



Features Highlight



Certifications

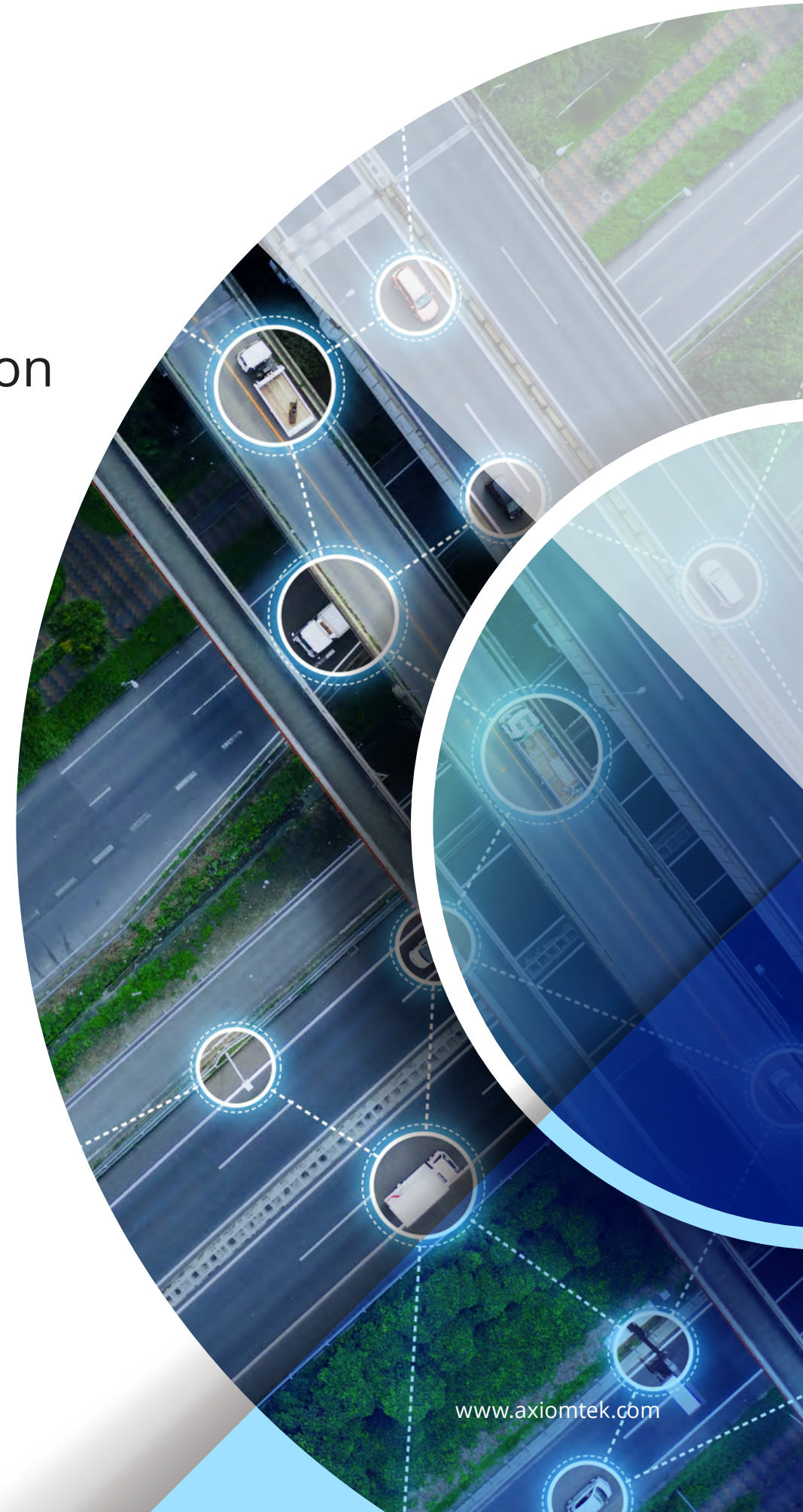
Model Name	tBOX810-838-FL	tBOX100-838-FL	tBOX324-894-FL	tBOX300-510-FL	tBOX500-510-FL	tBOX400-510-FL	UST500-517-FL	UST100-504-FL
Model								
CE (Class A)	certified	compliant	certified	certified	certified	certified	certified	certified
FCC	certified	compliant	certified	certified	certified	certified	certified	certified
EN 50155	certified	compliant	certified	certified	certified	compliant	compliant	X
EN 50121-3-2	certified	compliant	certified	certified	certified	compliant	compliant	X
ISO 7637-2 (e-Mark)	certified	compliant	certified	X	compliant	X	certified	compliant
EN 45545-2	certified*	compliant	certified*	compliant	certified*	compliant	X	X
IEC60945	certified	compliant	certified	compliant	certified	X	X	X
DNV 2.4	certified	X	certified	X	X	X	X	X

Model Name	P6105 10.4" Monitor	P6125 12.1" Monitor	GOT610-837 10.4" Panel PC	GOT710-837 10.4" Panel PC	GOT712-837 12.1" Panel PC	TEN710MW/UW PoE Switch
Model						
CE (Class A)	compliant	compliant	compliant	compliant	compliant	certified
FCC	X	X	X	X	certified	certified
EN 50155	certified	compliant	X	certified	certified	certified
EN 50121-3-2	certified	compliant	X	certified	certified	certified
EN 45545-2	certified*	compliant	X	certified*	certified*	certified*
UIC 612-01	X	X	X	compliant	X	X

* EN 45545-2 test report available only



Intelligent Transportation Solutions



www.axiomtek.com

Intelligent Transportation Solutions

Axiomtek offers a comprehensive range of products from panel PCs, monitors, embedded systems, to switches. To fulfill the diverse needs in CCTV surveillance, passenger information system (PIS), communication, and driver machine interface (DMI) applications, our products are fully qualified with the corresponding certifications. With stability, reliability and flexibility, Axiomtek's products have been certified with E-Mark for vehicle applications; EN 50155, EN 50121 and EN 45545 for railway applications; and DNV 2.4 and IEC 60945 for marine applications. These feature-rich products offer complete power protection and a variety of I/O connections for enhanced flexibility and customizability, providing high-quality solutions to help system integrators and enterprises with data acquisition, data analysis, as well as predictive maintenance decisions for operations in extreme environments.

/ Applications



Surveillance & Security

- CCTV
- Edge Computing
- Artificial Intelligence
- Asset Management



Passenger Information System (PIS)

- Public Address
- Digital Signage
- Internet Service
- Scheduling System



IIoT & Communication

- Predictive/Conditional-based
- Signal Converter
- Communication



Diagnosis & Management

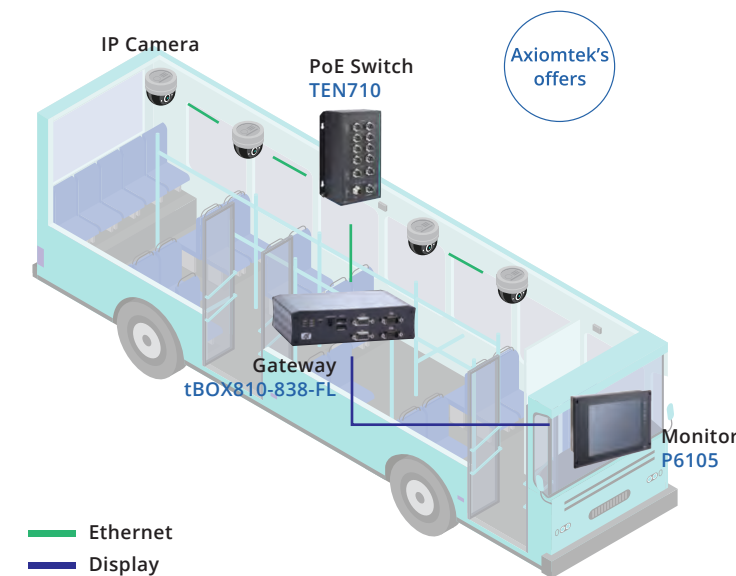
- Vehicle Control
- Dashboard
- Driver Machine Interface
- Fleet Management

In-Vehicle

Security Surveillance System for Buses

Location: USA

The tBOX810-838-FL connects various devices including PoE switch, GPS/G-sensor, Wi-Fi and more. It can perform surveillance and video recording, door control and people counting, to provide a safe and comfortable bus journey with better passenger experience.



In-Vehicle System



tBOX810-838-FL
Fanless Embedded System with Intel® Atom® Processor E3845/E3827 for Vehicle, Railway and Marine PC



TEN710
Transportation EN 50155 & EN 45545-2 Certified Layer 2 Managed/Unmanaged Switch with 10-port LAN and PoE Supported



UST100-504-FL
Fanless Embedded System with 7th/6th Gen Intel® Core™, Pentium® and Celeron® Processor, Compact Size for Video Analytics in Vehicle PC Market



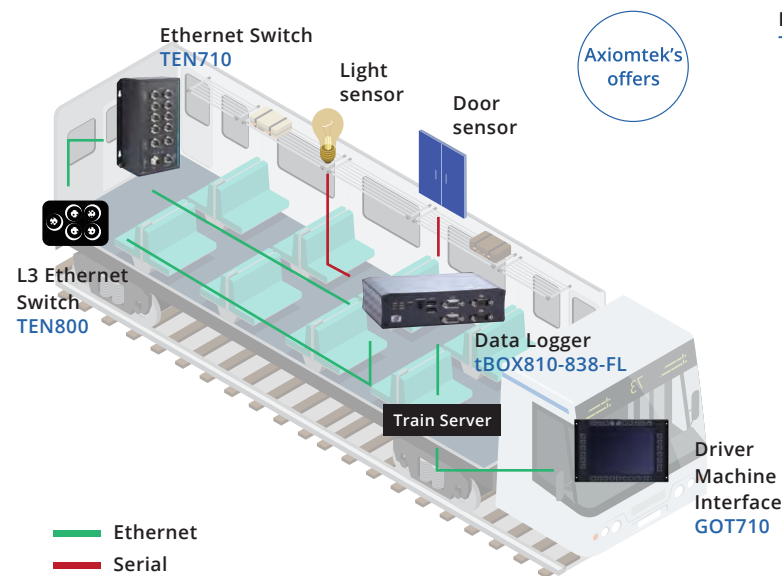
UST200
IIoT Gateway with Intel® Atom™ Processor E3940 for Surveillance and Security of In-vehicle Applications

Railway

Train Control & Management System

Location: Asia

We provide an EN 50155-certified GOT710-837 railway touch panel PC and tBOX810-838-FL railway gateway box PC to serve as a train control management system. The GOT710-837 has been integrated into a locomotive dashboard in the driver cabin for monitoring. The tBOX810-838-FL can connect various sensors or devices to collect the data for analysis and help reduce unexpected failures in their equipment.



Railway System



GOT710-837/GOT712-837
10.4" SVGA/12.1" XGA TFT LCD EN 50155 Railway Fanless Touch Panel PC with Intel® Atom® Processor E3845 1.91 GHz (-25°C to +70°C)



P6125
12.1" XGA TFT LCD Railway Touchscreen Monitor (-25°C to +55°C)



P6187W-PIS
18.5" Full HD TFT LCD Railway Monitor for Passenger Information System (PIS)



tBOX300-510-FL
Fanless Embedded System with 7th Gen Intel® Core™ i7/i5/i3 & Celeron® Processor for Railway and Marine PC



tBOX500-510-FL
Fanless Embedded System with 7th Gen Intel® Core™ i7/i5/i3 & Celeron® Processor for Railway, Vehicle and Marine PC



VAM900
1 isolated DIO 8-in/ 8-out, 1 COM, 1 CANbus, 3 PCI Express Mini Card slots + 2 SIM



VAM706/707
4 M12 X-coded GbE with/without PoE



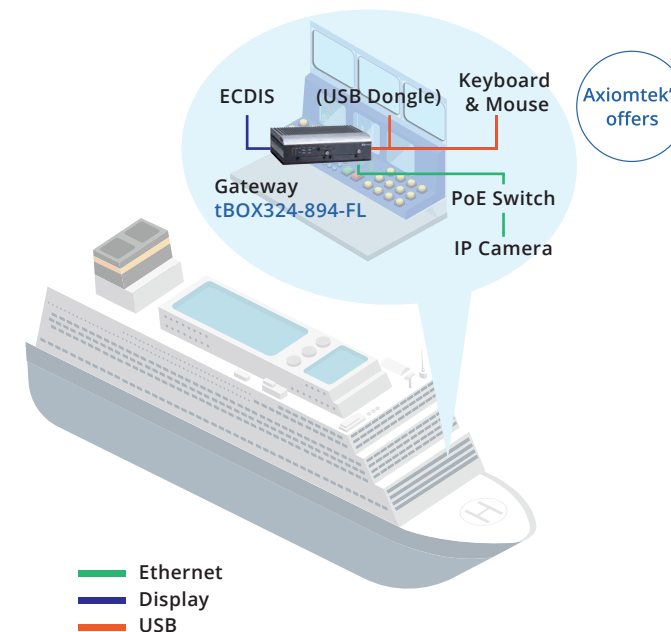
VAM702/703
4 X RJ-45GbE with/without PoE

Marine

Marine Gateway and Data Collection System

Location: Europe

The intelligent ship gateway focuses on connecting ships to improve safety and data sharing mobility in an increasingly interdependent maritime industry, providing a superior solution not only to integrate information from various electronics into a controlling gateway, but also to ensure smooth connectivity among all connected ships.



Marine System



tBOX324-894-FL
Fanless Embedded System with 7th/6th Gen Intel® Core™ i7/i5/i3 & Celeron® Processor for Railway, Vehicle and Marine PC