

InVehicle G810

Vehicle Gateway for Public Transport

The InVehicle G810 is an all-in-one vehicle gateway specially made for public transport. It features high-speed and stable Internet access and powerful cloud ecosystems. ITxPT compliant, it helps build an interoperated, "plug and play" IT system on board.



Passenger Wi-Fi

Dual-concurrent Gigabit Wi-Fi

Infotainment

High-speed network connectivity, GNSS

Ticketing

High-speed 5G/4G LTE cellular networks

CCTV

Gigabit Ethernet

Telematics

Extensive interfaces: dual CAN bus, RS-232, RS-485, multiple I/Os

Fleet Management

Easily connected to 3rd party fleet management platforms

InHand Networks

www.inhandnetworks.com



Networking Scheme



Features

High-speed in-vehicle networks

- + Supports 5G NSA/SA eMBB, uRLLC
- + Available with LTE CAT6/CAT4
- + Dual-concurrent Gigabit Wi-Fi
- + Gigabit Ethernet

Purposely built for vehicles

- + Industrial-grade processor, communication modules and electronic components
- + IP40 protection rating
- + Compliant with vehicle standards that resist pressure, vibration, humidity, heat and low temperature
- + Compliant with technical standards of vehicle electronic devices

Multiple interfaces for communications

- + Multiple I/Os, 6 x DI, AI, 4 x DO, 1 x 1-Wire
- + RS232, RS485
- + Vehicle diagnostic interfaces

Developer features

- + Open platform for users to program their own applications
- + Supports Python 3.0 + Docker
- + Supports 3rd party fleet management platforms



VG810



ECE-R10, ECE-R118,
EN50155, EN50121-3-2,
EN61373, EN45545-2

InHand Networks 

43671 Trade Center Place, Suite 100, Dulles, VA 20166

T: +1 (703) 348-2988 | E: info@inhandnetworks.com

www.inhandnetworks.com

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