

Applications

Ensure secure and reliable on-board connectivity with InHand's vehicle networking solutions.

- Ticketing
- CCTV
- Passenger Infotainment
- Passenger Information Display
- Fleet Management
- Vehicle Diagnostics
- Passenger Wi-Fi



Success Stories

Your Trusted Partner for ITS

- Canada | Calgary
Fleet Management of Firetrucks
- Sweden | Sundsvall
Remote Monitoring of Bus Status
- France | Lyon
Connectivity of Trains
- China | Shanghai
Management of Airport Ground Vehicles
- China | Suzhou
Remote Management of City Buses
- Columbia | Bogota
Passenger Wi-Fi for City Buses



Employees
400+



R&D Team
140+



3-year Warranty



Free Technical Support

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/InHandNetworks/



Connectivity Solutions For Public Transit ITS

- 5G/4G Vehicle Gateways
- Industrial LTE Routers
- Industrial Ethernet Switches

Interconnected, Intelligent, Interoperable

InHand Networks

Vehicle Gateways

VG810 All-in-one 5G Vehicle Gateway



- 5G/4G, Wi-Fi 5, GNSS
- 4*GE (M12), antennas (FAKRA/TNC)
- CAN bus, I/O, RS232, RS485, Audio/Voice
- C/C++, Python, Docker programmable
- AWS, Azure



EN50155 EN50121-3-2 EN61373 EN45545-2

VG710 Ruggedized 5G Vehicle Gateway



- 5G/4G, Wi-Fi 5, GNSS
- 4*Gigabit Ethernet
- CAN bus, I/O, RS232, RS485, Audio/Voice
- C/C++, Python, Docker programmable
- AWS, Azure



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

VT320/ VT200 Vehicle Telematics Gateway



- LTE CAT1/CAT M1
- Dual CAN bus, RS232, I/O, J1708/RS485
- Modbus, TCP, UDP, MQTT
- AWS, Azure



On-board Computer

OBC1000 On-board Computer



- ARM 6-core CPU
- RAM 4GB
- EMMC 64GB
- Cellular 5G SA/NSA
- GNSS GPS, GLONASS, Galileo, BDS, QZSS with DR
- Wi-Fi6 2x2 MIMO
- 15*DI, 15*DO, 2*CAN, 2*RS232/485/422
- MIC, Speaker
- USB3.0, HDMI, SIM Dongle
- IP65, IK10



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

Cellular Routers & Switches

IR305/ IR302 Compact Industrial LTE Router



- High-speed 4G, dual NANO SIM
- 2*ETH ports, serial ports
- E-Marked



ISM Managed Ethernet Switch



- PoE/RJ45 ports
- IP40, EMC level 4A
- DIN-rail/rack mounting

