



Product size and connectors may vary depending on configuration.

TrainWise® Mobile Gateway

The TrainWise® Mobile Gateway (NS10) provides secure, stable communication between the train and operations. This controller optimizes Wi-Fi and cellular network utilization for yard and revenue service.

The NS10 features key Wi-Fi, cellular, and GPS modems, providing flexible mounting and application-specific configurations. The modular design easily supports changes enabling technology and service-provider upgrades in the future.

Total units ordered/delivered: 225

Key benefits

Secure communications. Firewall, authentication certificates, and encrypted data streams securely prohibit cyber-attacks. Gateway management with store and forward capability.

Reliable connection handling. Manages varying signal strength as the train moves through different cellular and Wi-Fi zones, providing seamless operation for connected equipment.

Easily upgradable. External modems provide a modular solution for upgrading Wi-Fi, cellular, and GPS hardware.

Flexible. Easily integrates with existing equipment or Quester Tangent TrainWise and FleetWise® products to provide reliable train-to-wayside communications.

Main characteristics

- » Standard Ethernet and USB ports to connect with modem modules
- » Compliant with IEC60571/EN50155 rail design standards
- » Secure web server providing remote access (PTE/BTE, operations, etc.)
- » Full North America voltage range support for different train types
- » Manages multiple wireless interfaces

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