

2026 Model Telecom-Grade Router for Rail Transit



Overview

A high-speed router equipped with dual SIM, eSIM, M12 connectors, and RMS (Remote Management System) capabilities — a remote management tool that enables efficient monitoring, configuration, and troubleshooting of onboard systems. With a focus on rugged, high-performance solutions, this article explores how cutting-edge cellular router technologies from our partners can transform railway communication, ensuring uninterrupted connectivity for onboard systems, wayside communication, and intelligent transportation systems. Routers for mobile network data and voice communication support applications, including passenger information and passenger Wi-Fi. From simple LTE train-to-ground connections to complex communication platforms with 5G, up to six LTE Advanced, and Wi-Fi connections make connectivity reliable, secure. The ATRM50 is a rugged, high-performance 5G router designed specifically for transportation environments. Built to endure harsh conditions, it features four M12 Gigabit Ethernet ports and an M12 power connector, ensuring secure and vibration-resistant connectivity. In a bid to cut carbon emissions, France has recently banned. Ideal for challenging rail transportation environments, the Digi TX64 5G Rail router offers 5G/4G/3G cellular connectivity with true enterprise class routing, security, firewall and integrated VPN — easy to deploy and centrally managed via Digi Remote Manager (Digi RM), which is included in your. Ideal for challenging rail transportation environments, the Digi TX64 5G Rail router offers 5G/4G/3G cellular connectivity with true enterprise class routing, security, firewall and integrated VPN — easy to deploy and centrally managed via Digi Remote Manager® (Digi RM), which is included in your.



Article Content

Optimizing Railway Connectivity with Advanced Cellular

Digi TX64 5G Rail Router: With dual LTE/5G capabilities and Wi-Fi 6 support, this router is ideal for delivering high-performance passenger

Railway Routers

Our range of routers for mobile network data and voice communication in the railway sector includes modular products that can be used for a variety of applications, such as passenger information or

ATRM50 Rugged 5G Router | Rail & Transit Certified

The ATRM50 is a rugged, high-performance 5G router designed specifically for transportation environments. Built to endure harsh conditions, it features four

Powering Train Connectivity: Teltonika ATRM50 5G Router

A high-speed router equipped with dual SIM, eSIM, M12 connectors, and RMS (Remote Management System) capabilities — a remote management tool that

Digi TX64 5G Rail Cellular Router

Regardless of issues with traditional GNSS in certain weather conditions or tunnels, UDR allows you to monitor the train's exact positioning and speed, optimize each

Digi TX64 5G Rail with Digi 360 Datasheet

Regardless of issues with traditional GNSS in certain weather conditions or tunnels, UDR allows you to monitor the train's exact positioning and speed, optimize each train's location and prevent collisions

5G Cellular Router for transportation, mobile

Ideal for challenging transportation and mobile environments, Digi TX64 is a 5G and 4G LTE-Advanced Pro cellular router with true enterprise class

Industrial 5G/4G/LTE IoT Routers, Gateways & Modems | Robustel

The EV8100 combines Robustel's proven networking performance with built-in VoIP and VoLTE voice support — a

Wireless Train Solutions

The Ibex-RT-330 and Ibex-RT-630 have been developed to meet the growing demand for continuous connectivity onboard trains, to be able to carry out

ATRM50 Rugged 5G Router for Rail and Public

Explore the Teltonika ATRM50 – a rugged 5G router with M12 connectors, dual SIM + eSIM™, and railway certifications for reliable transport connectivity. Pricing

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Introducing Digi TX65: A Purpose-Built 5G Router for Modern ...

The Digi TX65 5G transportation router combines high-performance 5G, rugged vehicle design, edge computing, and Digi Remote Manager to simplify fleet operations, maximize uptime,

Digi International Introduces TX64 5G Rail Router for Intelligent ...

Digi's new high-performance cellular router features 5G connectivity with 4G failover, rail-grade certifications, and complete integration with Digi's centralized, intelligent network management

Boosting Rail Wi-Fi with Mobile Internet Routers | Digi

Discover how mobile internet routers enhance Wi-Fi on passenger rail systems. Improve connectivity and rider experience—learn more in our blog!

ATRM50 Rugged 5G Router | Rail & Transit Certified

The ATRM50 is a high-performance 5G NR industrial-grade router, purpose-built for railway, transportation, and rugged industrial applications. It features robust M12 connectors for power and

Onboard 5G Multi-Network Router

ZTLX onboard 5G routers enable ultra-fast, low-latency train communications. Supporting seamless Wi-Fi access, video transmission, and train-to-ground

Current state and predicted technological trends in global railway ...

Connected railroad network plans to improve the modernization level of infrastructure maintenance through real-time remote monitoring and digitization of various parts of the railroad

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

