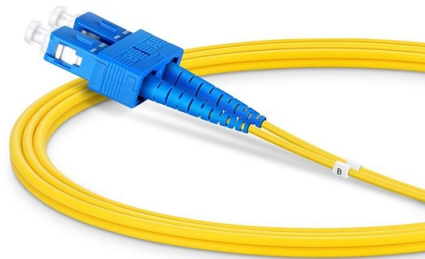


Distribution Network Automation IoT Card



AI Overview

IoT SIM cards enable real-time monitoring, automation, and connectivity across distribution networks, enhancing efficiency, visibility, and operational control. Overview A Distribution Network Automation IoT Card is essentially an IoT SIM card or connectivity module designed for machine-to-machine communication within distribution networks. These cards provide always-on connectivity for devices such as sensors, GPS trackers, warehouse equipment, and smart meters, allowing automated monitoring and control of logistics and supply chain operations. Key Features Multi-network support: IoT SIMs automatically connect to the strongest available network across multiple carriers, ensuring uninterrupted coverage even across borders. eUICC technology: Embedded Universal Integrated Circuit Cards allow remote switching of network profiles, simplifying connectivity management in different regions. Low-power, long-lifecycle design: Optimized for devices that operate for years with minimal maintenance, such as industrial sensors or fleet trackers. Real-time tracking and monitoring: GPS-enabled IoT cards provide live location data for vehicles, pallets, and shipments, while sensors monitor temperature, humidity, and other conditions. Integration with management systems: Data from IoT devices can feed into Transportation Management Systems (TMS), ERP platforms, or smart grid monitoring systems for automated decision-making. Applications in Distribution Networks Logistics and Fleet Management: IoT cards track vehicles and shipments in real time, optimize routes, monitor driver behavior, and ensure compliance with regulations. Warehouse Automation: Sensors connected via IoT SIMs monitor inventory levels, detect anomalies, and automate reordering, improving stock accuracy and reducing shrinkage. Cold Chain Monitoring: IoT cards enable continuo...

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Distribution Automation

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Delivering the immense potential of IoT for distribution

Traditional network infrastructures may no longer be sufficient. Businesses must prioritize robust, scalable and resilient networks capable of supporting the spectrum of IoT capabilities. A need for low

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