

NMS (Network Management System) Module Datasheet

DESCRIPTION

This module provides a central point for receiving and managing SNMP (Simple Network Management Protocol) traps and informs from network devices supporting SNMP v2c and v3. It offers robust security features, flexible integration capabilities, and the ability to retrieve device configurations.

FEATURES

SNMP v2c/v3 Traps & Informs	Receive critical event notifications from network devices
Encryption and Authentication Support	Secure communication with network devices using industry-standard algorithms User-based Authentication Mechanism message digest • MD5 • SHA User-based Privacy Mechanism • DES • 3DES • AES-128 • AES-192 • AES-256
gRPC API for Integration	Seamless integration with other network management tools and applications.
Support for SNMP Get	Retrieve configuration details and settings from managed devices.
Device Management	Allow provisioning, commissioning, and decommissioning of devices (smart meters, modems, base stations, etc.) via SNMPv3.
SNMP Gateway	Expose SNMP interface to configure (Get/Set) and monitor (Traps) smart devices like cellular modems (IMEI, IMSI, RSSI, RSRP, RSRQ, APN, etc.) even when they are not SNMP-capable.

BENEFITS

Proactive Network Monitoring	Respond quickly to network events and potential issues
Enhanced Security	Protect sensitive network information with robust encryption and authentication
Improved Visibility	Gain a centralized view of network health and performance
Simplified Management	Integrate with existing tools for streamlined network operations.
Flexible Configuration Retrieval	Easily access and manage device configurations.

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** Product specifications are subject to change without notice.*