



TN9300-2 DMR TIER 2 CONVENTIONAL NETWORK NODE

ROBUST, SCALABLE, TIER 2 NETWORKING

KEY FEATURES

Ruggedized design with no moving parts, and sealed for protection against harsh environments

Resilient and reliable while processing in a 65' environment

Low power consumption

Software support for single or multisite services

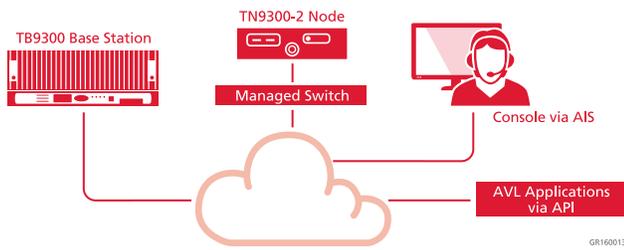
Multiple interfaces—AIS, SIP, RIP, API

The Harris TN-9300-2 DMR network node delivers reliable communications in the harshest conditions. This efficient solution establishes calls for radio fleets and consolidates control, monitoring and programming of Tier 2 conventional networks.

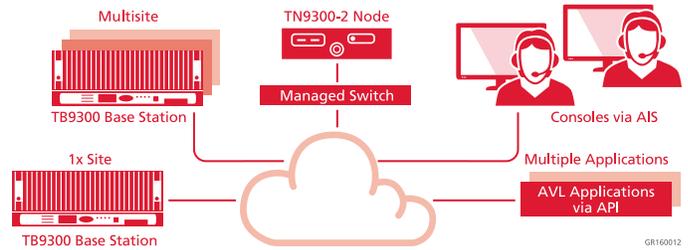
Engineered for rugged reliability and resilient performance, the TN-9300-2 has no moving parts, a solid state drive and is sealed to prevent dust penetration and protection in salt fog environments. This efficient solution is also designed for low energy consumption, with an idle power demand of 11 watts.

The Harris DMR Tier 2 Conventional Network Node supports mission flexibility with multiple, standardized interfaces for external applications, as well as software support for single and multisite services. Plus, it is open standards-based, ensuring opportunities for multi-vendor solutions.

SINGLE SITE / SINGLE STATION CONTROL GATEWAY



MULTISITE / MULTI STATION CONTROL GATEWAY



NOTE: The TN9300-2 node is not required if RF dispatch radio operation is the only control required with a TB9300 DMR Tier 2 base station.

SPECIFICATIONS FOR: TN9300-2 DMR TIER 2 CONVENTIONAL NETWORK NODE

GENERAL

Supported Server	Aleutia R50
Standard Configuration	8GB RAM and 256GB SSD
Power	11-19V DC: 11W idling, 20W peak
Dimensions (H x W x D)	1.8215in x 6.4531in x 4.3281in (46mm x 164mm x 110mm)
Operating Temperature	-15°C to 6°C standard
Water/Dust Protection	IP54
Weight	37.07oz or (1.05Kgs)
Processor/Speed	Intel® Core™ i3-3217-U, 1.80GHz
Connectivity	1 x 10/100/1000Mbps Ethernet, 3 x USB 2.0 ports, 2 x HDMI ports

CONNECTIVITY

WAN Speed (per slot, voice and data)	32Kbps
WAN Jitter	Less than 20mS
WAN Latency (maximum acceptable)	100mS
WAN Bandwidth (reprogramming/monitoring)	100Kbps
Multisite Capacity	6 sites extensively tested*
Maximum site repeater capacity	Up to 3 repeaters per site: 6 slots*
Weight	1.05Kgs
Processor/Speed	Intel® Core™ i3-3217-U, 1.80GHz
Connectivity	1 x 10/100/1000Mbps Ethernet, 3 x USB 2.0 ports, 2 x HDMI ports

INTERFACE

Console Connectivity	AIS (DMRA standard)
SIP Phone	SIP
Recorder	RIP
Location Services Application	Harris monitoring API

*Contact Harris if more capacity is required

Specifications are subject to change without notice and shall not form part of any contract. They are issued for guidance purposes only. All specifications shown are typical.

About Harris Corporation: Harris Corporation is a leading technology innovator that creates mission-critical solutions that connect, inform and protect the world. The company's advanced technology provides information and insight to customers operating in demanding environments—from ocean to orbit and everywhere in between. Harris has approximately \$7.5 billion in annualized revenue and supports customers in more than 100 countries through four customer-focused business segments: Critical Networks, Space and Intelligence Systems, Electronic Systems and Communication Systems.

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