

MegaNAC 8000

dial access concentrator, full coverage network management

MegaNAC® 8000 Features:

- ❑ Large-scale, dial access concentrator with fault-tolerant, multifunction architecture
- ❑ Multiprotocol POS dial access support for up to 60 concurrent access lines
- ❑ Supports POS dial access software that provides high capacity and reliable POS dial concentration
- ❑ Chassis interconnect to form large networks capable of handling a variety of access modes and protocols
- ❑ Provides protocol prioritization, congestion control, Dynamic Rate Change bandwidth adjustment, concentration and protocol conversion such as dial access for PCs, POS terminals, ATMs and other financial data networks
- ❑ Supports RS485 connection to Hypercom® POS LAN terminals
- ❑ Supports two T1 or two E1 primary rate interface circuits. Each T1 supports up to 24 channels, each E1 supports up to 30 channels for a total of 48 or 60 channels respectively
- ❑ Supports ISDN PRI
- ❑ Supports multi-frequency signaling: Type 1 or Type 2
- ❑ Connects dial, leased analog and leased digital lines
- ❑ Supports Q.931 protocol, as well as immediate start and wink start protocols
- ❑ Redundant hot-swappable power supplies
- ❑ Integrated analog dial backup
- ❑ Highly reliable passive backplane
- ❑ Hot-swappable port processor cards



The FastPOS Advantage

Hypercom FastPOS™ introduces exciting, new technology to the POS marketplace. It enables merchants, transaction acquirers, card issuers and service providers to all benefit from high-speed, 9600 bps modem technology specifically engineered for POS networks. The high speed that Hypercom FastPOS offers enables existing telephone network infrastructures to reduce operational costs by carrying more transactions on the same lines. Best of all, Hypercom FastPOS is backward compatible with existing Hypercom terminals.

Full-Coverage Network Management

IENView™ from Hypercom, the full-coverage network management software, delivers all the tools needed to keep POS networks running smoothly. The client/server architecture provides comprehensive activity and performance statistics, alerts and alarms, and remote downloads and upgrades. IENView sets new standards in GUI-based management for detail, simplicity and speed. Easy-to-read charts, diagrams and maps help network managers configure, administer and troubleshoot complex POS networks. Management system screens display precise status and configuration information simultaneously so managers can perform multiple, concurrent administration tasks.

Global Transaction Technology

As technology moves faster and faster, the MegaNAC 8000 plays an even more strategic role in the Hypercom framework. Hypercom network owners know they can freely evolve from one technology to another with the assurance that yesterday's systems will seamlessly integrate into tomorrow's newest offerings. From satisfying customers with better service to improving bottom lines, Hypercom delivers.



*The Global Leader in Electronic
Transaction Solutions™*

MegaNAC 8000 Specifications

Chassis	16 slots for plug-in, hot swappable processor modules
Dimensions	19" w X 13" d X 8.8" h 483mm X 330mm X 224mm
Weight	28.4 lbs., 12.9 Kg
Heat Dissipation	512 BTU/hr
Humidity	25% to 95% non-condensing
Power	AC Rating 115/230 V; 3.5 A; 50/60 Hz Optional 48 Vdc
Bus	High-speed parallel packet bus, serial packet bus, PCM highway
Modem Support	V.21 Bell 103/212A, Autodial 300/1200/2400 Async & SDLC, V.22, V.22bis, V.29 FastPOS, V.32, V.32bis, optional V.34, V.90
POS Dial Ports	Visa I/II, Apex, SDLC, HDLC, Async
Concentrator Ports	Ethernet 10BaseT (10 Mbps), RS232, V.35 (to 2 Mbps), RS485
Supported End-User Protocols	TCP/IP, SNA/SDLC LU.0 and LU.2, Bisync 3270 and 3780, Burroughs Poll/Select, IP, X.25
Supported WAN Protocols	IP, Frame Relay, X.25, HDLC
WAN Backup	V.32, V.32bis, optional V.34, V.90
Certification	FCC Part 15, UL (USA), UCL (Canada), CB, and CE

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Headquartered in Phoenix, Arizona, Hypercom markets its products in more than 70 countries through a global network of offices and affiliates in Argentina, Australia, Brazil, Chile, China, Hong Kong, Hungary, Japan, Mexico, Russia, Singapore, United Kingdom and Venezuela.

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