



**High Capacity, 4-Port,
Multi-Protocol and
Multi-Network
Integrated Access Device**



As you transition your network to IP, how do you gain better control over the many legacy network endpoints that are incompatible with this new IP infrastructure? Application and network redesign, interoperability testing and configuration of new network connections is interruptive and costly.

YOUR SOLUTION IS BUILT INTO THE DT-4284

The many requests for a low port density, Integrated Access Device is now a reality. The 4-port DT-4284 joins the Datatek Applications family of Multi-Protocol Internetworking Devices.

The DT-4284 packs all the functionality found on full-scale Intelligent Network Processors into a scaled down unit. Why purchase more than your network solution requires, when your situation calls for mediation to IP for up to 4 devices.

INTEGRATED ACCESS DEVICE

The DT-4284 can be viewed as an Internet Protocol (IP) Access Device. It directly mediates any of its supported protocols (Async, HDLC, SDLC, X.25, BX.25, E2A, REDAC) and the IP protocol suite (IP, TCP, Telnet, RTP, ARP, SNMP, etc.).





KEY FEATURES

- Multiple protocol support for mediation over IP
- Supports synchronous protocol speeds up to 57.6 Kbps and asynchronous protocol speeds up to 115.2 Kbps
- Closed User Group security for protection of sensitive network endpoints
- Peer-to-peer communications using secure encryption
- Extensive measurement reporting and diagnostic capabilities
- SNMP management
- 10/100M LAN Interface
- Power Over Ethernet (POE) support
- Rack-mount or Standalone

SPECIALIZED ENHANCED VERTICAL SERVICES

The DT-4284 is also an Intelligent Network Processor. It applies customer specific protocol operations (protocol translation and termination) of network connections that require such a function in a distributed network.

The resident X.25 (and X.25 variants) application provides a greater degree of mediation by allowing the DT-4284 to directly mediate X.25 logical channels and sessions to individual connections over TCP/IP. Various presentation protocols are supported including Telnet for PAD service, RBP, Macstar, RFC 1006 OSI, and a session layer API.

FEATURES

Physical

10/100 LAN Interface
4 User Ports
User Port Connector Type: RJ45

Software

Telnet Console
Optional Data Encryption
Host IP Address Resolution Table
DNS Support
Closed User Groups
Built-in X.25 Mediation Software
SNMP Agent

Protocols Supported

HDLC/SDLC, Async, Raw, X.25, BX.25, MLT (LTCN) Support, E2A, REDAC

Speeds

Asynchronous up to 115.2 Kbps
Synchronous up to 57.6 Kbps

Power Options

48V DC
120V AC w/adaptor
Power over Ethernet (802.af)

Size

L: 6.0" x H: 1.4" x D: 4.25"



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