

DT-4XXX, DT-XX8X Family Comparison

Updated 3/16/06

Product	DT-4000	DT-4180	DT-4280	DT-4284	DT-9480
Features					

Physical

LAN Interface - XBase T	10M	10M	10/100M	10/100M	10/100M
Number of User Ports	16	16	32	4	1
User Port Connector Type	RJ45	RJ45	RJ45	RJ45	DB25
BNS/Datakit Trunk Support (SAM)	yes	no	no	no	no
IP-Gate Port	yes	yes	no	no	no
DB25 Serial Trunk Port	yes	Not Used	no	no	no
Trunk DSU port	yes	TSR Port	no	no	no
DT-9116 Support	yes	yes	yes	no	no

Software

Telnet Console	yes	yes	yes	yes	yes
Optional Peer-to-Peer Per Port Data	yes	yes	yes	yes	yes
Host IP Address Resolution Table and DNS	yes	yes	yes	yes	yes
Closed User Groups	yes	yes	yes	yes	yes
Application Instances	NA	16	32	4	1
Built-in (B)X.25 / X.25 Mediation Software	no	yes	yes	yes	yes
Time Slot Router Support	no	yes	no	no	no
SNMP Agent	yes	yes	yes	yes	yes
Secure Shell (SSH2)	no	no	planned	planned	planned

Protocols

Asynchronous	yes	yes	yes	yes	yes
HDLC/SDLC	yes	yes	yes	yes	yes
(B)X.25/X.25 (see service types below)	no*	yes	yes	yes	yes
MLT (LTCN) Support	yes	yes	yes	yes	yes
E2A	yes	yes	yes	yes	yes
REDAC 70	no	no	no	yes	yes
BiSynchronous	yes	yes	yes	no	no
DDCMP	yes	yes	yes	no	no
ALC/VIP/UniScope	yes	yes	yes	no	no
Isochronous	yes	yes	yes	no	no
RAW - async without Telnet RFC encapsulation	yes	yes	yes	yes	yes

(B)X.25/X.25 Services Per Virtual Circuit

Pass Through	no*	yes	yes	yes	yes
Telnet to PAD	no*	yes	yes	yes	yes
Record Boundary Protocol (RBP)	no*	yes	yes	yes	yes
RFC 1006 OSI for FTAM	no*	yes	yes	yes	yes
MACSTAR Support	no*	yes	yes	yes	yes
Support of Session Layer API	no*	yes	yes	yes	yes

* These capabilities can be supported on the DT-4000 in conjunction with a DT-6XXX running the X25PAD application

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Feature Packages

X25PAD-8 (8 Virtual Circuits per port)	no	yes	yes	yes	yes
X25PAD-32 (32 Virtual Circuits per port)	no	yes	yes	yes	yes
E2A Head-of-Bridge (E2AHOB)	no	no	no	yes	yes
REDAC Head-of-Bridge (REDHOB)	no	no	no	yes	yes

Speeds

Asynchronous (Speeds up to 115.2 Kbps)	yes	yes	yes	yes	yes
Synchronous (Port Speeds up to 57.6Kbps)	yes	yes	yes	yes	yes

Power Options

Screw-down Terminal Block Power Option

-48V (36-72V) DC Input	yes	yes	yes	yes**	no
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**Voltage must be -48V DC +/-10% max

Barrel Connector Power Options

-48V DC Input	no	no	yes	yes**	yes**
AC to +48V DC Input	no	no	yes	yes**	yes**
AC to 48V (18-72V) DC Input	no	no	yes	no	no
AC to +24V DC Input	no	no	yes	no	no
AC to +5V DC Input	yes	yes	no	no	no
+5 V DC Output	limited	limited	yes	no	no

**Voltage must be -48V DC +/-10% max

Ethernet Power Options

Power over Ethernet (-48V DC per 802.af)	no	no	yes**	yes**	yes**
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**Voltage must be -48V DC +/-10% max

Environmental

Alarm Grid Connector	yes	yes	yes	no	no
Temperature Alarms	yes	yes	yes	no	no
DT-9001 Support	yes	yes	yes	yes	yes
Maximum Dry Contacts (via DT-9001)	256	256	512	64	16
Maximum Temp Probes (via DT-9001)	16	16	32	4	1