iDSL Digital Cross Connect

Patton 3092 Quad T1/E1 & 8, 16, or 24 iDSL Ports

The Patton 3092 iDSL Digital Cross Connect provides 8, 16, or 24 iDSL ports ,each supporting 64/128/144 kbps dedicated connections.

High-Density iDSL DACS
Grooms 8, 16, or 24 iDSL connections to any WAN timeslot or other iDSL timeslot

Four T1/E1 WAN Uplink Ports
T1/E1 WAN ports connect to TDM backbone network connections

Complete Alarm Facilities
Multiple, configurable alarms reporting via remote SNMP traps, front panel LEDs, 3-contact relay, and NMS pages

SNMP/HTTP Network Management
Configure the Model 3092 and the remote iDSL modems from any location in the world.

Compact 1U Chassis
Convection cooled design allows stacking with no fans or other moving parts to fail

Dual-redundant Power Supplies
Interoperable for voice and T.38 fax with leading SIP service providers, soft-switch vendors and leading IP-PBX systems.

The Patton Model 3092 iDSL Digital Cross Connect is the efficient, rack-mountable solution for ILECs/PTTs who are expanding their access services via iDSL dedicated links. The Model 3092 combines iDSL ports for concentration to multiple TDM WAN ports with total flexibility in mapping the iDSL channels and WAN time slots. The Model 3092 is extremely reliable due to its convection cooling (with no fans or other moving parts to fail) and dual-redundant power supplies.

The Model 3092 iDSL Digital Cross Connects links up 8, 16, or 24 iDSL circuits to multiple T1/E1 WAN ports with completely flexible any-to-any nx64 grooming. Each 64/128/144-kbps iDSL port offers user selectable nx64 data rates. 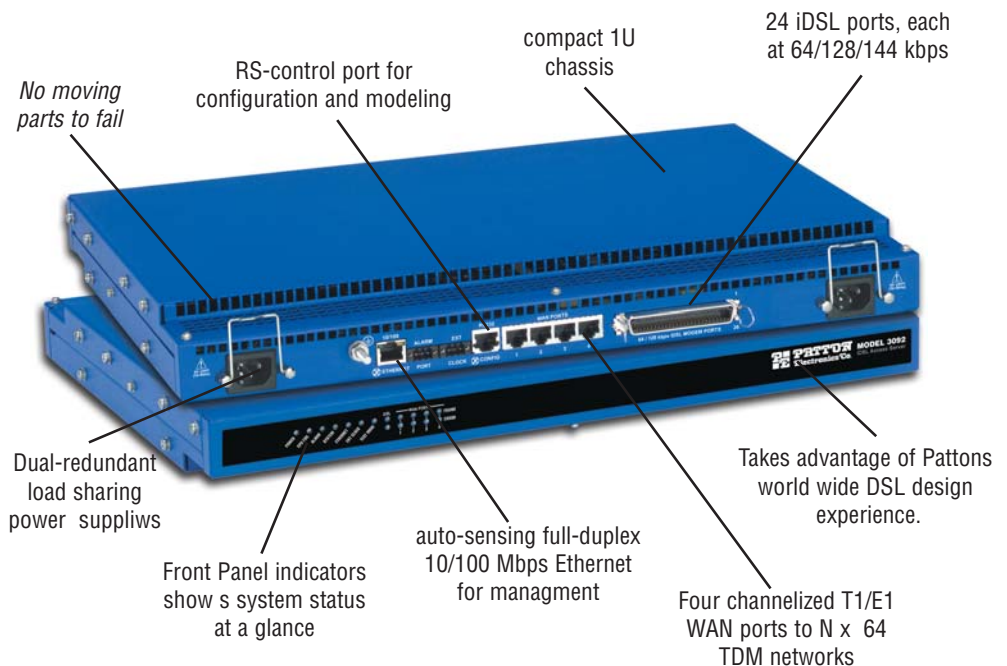User data is then groomed to any channel within the system…including another DSL port. Completely transparent to data, the provider can offer multiple services (ATM/IP/FR) to each user. The entire system is easily managed through its integrated SNMP/HTTP-based NMS. Using Standards based iDSL, the Model 3092 is compatible with third many party iDSL modems.

With its hassle-free operation, convenient end-to-end setup, high-density and unsurpassed reliability, the Model 3092 iDSL DACS is ready to get your customers up to speed.

For more information, visit us at www.patton.com.

Special Rates Available Call for Details

No moving parts to fail

RS-control port for configuration and modeling

compact 1U chassis

24 iDSL ports, each at 64/128/144 kbps

Dual-redundant load sharing power suppliws

Front Panel indicators show s system status at a glance

auto-sensing full-duplex 10/100 Mbps Ethernet for managment

Four channelized T1/E1 WAN ports to N x 64 TDM networks

Takes advantage of Pattons world wide DSL design experience.

PATTON®

Competitive Positioning

The Model 3092 iDSL DACS combines transmission and networking technology into a single 1U chassis. With its protocol independent operation, the Model 3092 integrates all the pieces into a single management entity: 8, 16, or 24 ports of iDSL, 4 ports of T1/E1 WAN uplinks, an any-to-any digital cross-connect, flexible timing options including BITS, and embedded SNMP/HTTP agent. Add to this installation support, one-year warranty, and free software updates, the Model 3092 is the leader for iDSL concentration..

• Tightly Integrated Platform

– Combines 8, 16, or 24 iDSL ports, Cross Connect, and complete end-to-end NMS management

– T1/E1 WAN ports with any-to-any channel mapping

– iDSL interface is compatible with third party-equipment

• Complete Network Management

– Integrated SNMP/HTTP allows end-to-end control

– RS-232 Console and Ethernet SNMP/HTTP control

– Extensive Major/Minor Alarm monitoring watches power, DSL, and WAN ports

• Convection Cooled—No moving parts

– Unique thermal design does away with fans, enabling additional units to be stacked without limits.

• Dual-Redundant Power Supplies—*Standard*

– Drawing only 15 watts of power, the Model 3092 runs *cool*

– With AC, DC, or a mix of both, choose your power options to meet your requirements

– Dual power feeds protect against power delivery failures.

3092 Competitive Positioning

	Patton 3092 iDSL DACS	Zyxel Prestige 1600	Loop AM 3420-U	Lucent/Ascend MAX iDSL
Max Data Rate	144 Kbps	128 Kbps	128 Kbps	128 Kbps
Number of DSL Ports	8, 16, or 24	32	32	48
Compact Chassis	YES: 1U	No: 2.5U	No: 3U	No: 2U
DSL Port Density Per 1U	24	12.8	10.67	24
Power	15 Watts	80 Watts	30 Watts	225 Watts
Dual-Redundant Supply Standard	YES	No	No	No
Cooling	Convection cooled	Fan cooled	Fan cooled	Fan cooled
WAN/DSL timeslot mapping	Complete Any-to-Any DS0 Mapping	Limited	Limited	Limited
Embedded Web-based Management system	YES	No	No	No
Free Software Updates	YES	Yes	Yes	Yes
ISO 9001 compliant	YES	Yes	Yes	Yes
Your Choice For iDSL Multiplexing	Hands Down: the Winner	No	No	No

Specifications*

iDSL ports
8, 16, or 24 ports (RJ-21X 50-pin connector), each port 64/128/144 kbps

WAN ports
4 WAN ports: E1 (HDB3/AMI line coding), T1 (AMI/B8ZS line coding); connects to ATM/FR/DDN/IP backbone networks

Ethernet Port
1 10/100Base-T (RJ-45 connector)

iDSL Modems
Patton 1092A, Patton 1082, Motorola UTA-220, and RAD ASM-31

WAN Clocking
Internal, Network (from E1/T1 WAN port), External BITS (Building Integrated Timing Supply) Clock Source via 3-pin terminal block

iDSL Clocking
Provides clocking to the remote iDSL NTUs/Modems

Front Panel Indicators
LEDs for power, CPU, system, Ethernet, External clock, test mode, DSL, and WAN ports frame and error status

Management Services
HTTP, SNMP, TELNET Ethernet, RS-232 Console Port, SYSLOG Client, Remote Software Upgrade via FTP

Power Supplies
Dual-redundant universal AC/DC (fixed); AC power: 100–240 VAC (50/60 Hz); DC power: -40 to -72VDC

Alarm Reporting
Configurable alarms; Remote SNMP Traps; Front Panel LEDs; 3-Contact Relay (3-pin terminal block)

Compliance
Safety: UL/CSA per UL1950 (METS) Canadian cMET and CS-03. EMC Directive 89/336/EEC, Low-Voltage Directive 73/23/EEC (EN 60950), FCC Part 15, CE Mark, CTR12, CTR13, FCC Part 68.

Environment
Operating temperature: 0–40°C (32–104°F); Humidity: 5–90% non-condensing

Dimensions
48.25 W x 32.00 D x 4.44 H cm (19.00 W x 12.60 D x 1.75 H inches)

* Specifications subject to change without notice.

07MD3092-DS2