


Product: [DRAGON PTN1104, Chassis w. 4 Interfaces](#) 



Full Gigabit MPLS-TP Switch with 4 media module slots

Product Description

Full Gigabit MPLS-TP Switch with 4 interface positions, Advanced Packet Transport features

Technical Specifications

Product description

Type:	DRAGON PTN1104
Name:	DRAGON PTN1104
Part Number:	942228001
Port type and quantity:	Up to 16 x 1 Gigabit Ethernet, modular design with various module configurations (PTN-4-E1T1-L, PTN-7-SERIAL, PTN-2-OLS, etc.), hot pluggable modules

Network size - cascability

Line - / star topology:	any
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Power requirements

Operating Voltage:	Built-in power supply - Internal and redundant, 175 W up to 1000 W rated power, PoE up to 480 W
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Software

Switching:	Sub 50ms protection switching in all network topologies (MPLS-TP), Non-blocking 64 Gbps, 95 Mpps (Layer 2 throughput), MTU up to 9k, 32k MAC addresses, 4k Layer 2 Multicast entries, 2k VFI, 4k MPLS entries, BFD hardware support
Management:	Auto provisioned and auto setup DCN for management, Full SNMP v3 management (no CLI needed), Management port on each CSM module, 2 input contacts allowing forwarding of local alarms to the TXCare platform, 2 output contacts for local triggering of alarms, Removable memory allowing easy replacement of CSM in the field, Hardware supported OAM, Automatic protection switching via BFD, LSP ping and LSP trace via BFD, Performance monitoring based on Y.1731 Loss and Delay
Diagnostics:	Advanced monitoring capabilities based on MPLS-TP OAM enhancements
Security:	Sticky MAC for easy locking of MAC address per service, MAC and IP based ACL, SNMPv3 encryption and authentication, Disable unused ports, Locked Node ID's, Logical separation of services, Centralized user authentication and central event logging, Audit trail
Management Software:	HiProvision platform for user friendly and fast deployment of the network. Supported by the automatic setup of the DCN and OAM features for continuous monitoring. SNMP v1/v2/v3

Ambient conditions

Operating temperature:	-30-+65 °C
Storage/transport temperature:	-30-+75 °C
Relative humidity (non-condensing):	10-95 %

Mechanical construction

Dimensions (W x H x D):	214 mm x 132.5 mm x 210 mm
Mounting:	19" Control Cabinet or DIN-Rail
Protection class:	IP20

Approvals

Basis Standard:	C-Tick, CE, EN 61131
Safety of industrial control equipment:	IEC 61850-3, IEEE 1613
Transportation:	EN50121-4

Variants

Item #	Type
942228001	DRAGON PTN1104

Update and Revision: Revision Number: 0.38 Revision Date: 08-07-2020

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