



TEMPEST Cisco 4331 Integrated Services Router



Benefits

L4-7 optimization and intelligent caching

Separate control and data planes for prevention of Denial-of-Service (DoS) attacks with intrusion prevention system (IPS) and firewall capability built in

A distributed multicore architecture with the industry's first internal services plane

Embed IWAN solution for creating lower-cost, business-class Internet connections.

Product Overview

The Cisco 4000 Series Integrated Services Routers (ISR) revolutionize WAN communication in the enterprise branch. With new levels of built-in intelligent capabilities and convergence, the routers specifically address the growing need for application-aware networking in distributed enterprise sites. These locations tend to have lean IT resources. But they often also have a growing need for direct communication with both private data centers and public clouds across diverse links, including Multiprotocol Label Switching (MPLS) VPN and the Internet.

The DTD-ISR4331-01-L1 is a TEMPEST Integrated Service Router based on the Cisco 4331. The unit has 2 routed ports and 16 switch ports for a total of 18 network ports in all. The CIS Secure DTD-ISR-4331-01-L1 provides SC Fiber for all Ethernet connections which are presented on the outside of the enclosure.

Key Features



Energy Efficient



High Density Network Ports



SC Fiber Network Ports



Intelligent Path Selection

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Product Specifications

Part #:	DTD-ISR4331-01-L1
Memory:	4G FLASH, 4G DRAM
Network:	(16) 100Mb SC Fiber LAN (Optional 1G SC Fiber LAN) (2) 1G SC Fiber LAN Uplink (Optional 100Mb)
Aggregate Throughput:	100 Mbps to 300 Mbps
Encapsulations:	Generic routing encapsulation (GRE), Ethernet, 802.1q VLAN, Point-to-Point Protocol (PPP), Multilink Point-to-Point Protocol (MLPPP), Frame Relay, Multilink Frame Relay (MLFR) (FR.15 and FR.16), High-Level Data Link Control (HDLC), Serial (RS-232, RS-449, X.21, V.35, and EIA-530), and PPP over Ethernet (PPPoE)
Traffic Management::	QoS, Class-Based Weighted Fair Queuing (CBWFQ), Weighted Random Early Detection (WRED), Hierarchical QoS, Policy-Based Routing (PBR), Performance Routing (PfR), and Network-Based Application Recognition (NBAR)
Security:	Encryption: DES, 3DES, AES-128 or AES-256 (in CBC and GCM modes) Authentication: RSA (748/1024/2048 bit), ECDSA (256/384 bit); Integrity: MD5, SHA, SHA-256, SHA-384, SHA-512
Power:	120 - 230 VAC, 50-60 Hz, 250 Watts
Dimensions	3.5" x 19" x 24" (H x W x D) (2 RU)
Weight :	20.0 lbs
Warranty:	Standard 1 year parts and labor Optional 3 years parts and labor