

Highlights

High Availability

Redundancy features, such as hot-swappable power supplies, redundant fan trays, and switch stacking maximise the availability of your network

Lossless Ethernet

Data centre functionality available through Data Center Bridging (DCB) along with iSCSI awareness, enhances network performance and reliability

Easy Management

Industry-standard management tools allow the switch to be easily administered, integrating seamlessly with existing devices



DXS-3400 Series

Top-of-Rack 10 Gigabit Stackable Managed Switches

Features

High Availability and Flexibility

- Two AC/DC hot-swappable power modules for 1+1 redundancy and load sharing
- Three hot-swappable fan trays provide N+1 cooling redundancy
- Physical Stacking via four 10G ports, can stack up to 4 devices
- Ethernet Ring Protection Switching (ERPS)
- Switch Resource Management (SRM) for flexible management of system resources

Lossless Ethernet via Data Center Bridging (DCB)

- IEEE 802.1Qbb Priority-based Flow Control (PFC)
- IEEE 802.1Qaz Enhanced Transmission Selection (FTS)
- IEEE 802.1Qau Congestion Notification (CN)
- iSCSI Awareness

Traffic Monitoring & Bandwidth Control

- · Port mirroring/Bandwidth Control
- Broadcast/Multicast/Unicast storm control
- Single Rate Three Color Marker (srTCM)
- Two Rate Three Color Marker (trTCM)

Easy Management

- RJ-45/Mini-USB Console Port
- Management and Alarm Ports
- USB Port for Firmware and Configuration Files
- Easy-to-use Web GUI
- Industry Standard CLI

D-Link's DXS-3400 Series Top-of-Rack 10 Gigabit Stackable Managed Switches consists of new compact, high-performance switches that feature wire speed 10-Gigabit Ethernet switching, routing, and ultra-low latency. The 1U height and high port density make the DXS-3400 Series suitable for enterprise and campus environments where space is at a premium. The DXS-3400 Series switches includes 20 x 10GBASE-T or 20 x 10G SFP+ ports and 4 10GBASE-T/SFP+ combo ports, making them suitable for data centre, core, and distribution applications.

High Availability and Flexibility

The DXS-3400 Series switches feature a modular fan and power supply design for a high availability architecture. The hot-swappable design means that fans and power supplies can be replaced without affecting switch operation. Physical and virtual switch stacking allow the switches to be managed from a single IP address and provide redundancy for connected devices. The Switch Resource Management (SRM) feature allows the hardware table size to be changed, so that switch functions can be optimised based on the use of the switch. The DXS-3400 Series switches come with 3 modes; IP Mode, LAN Mode and L2 VPN Mode, which modify the size of the Layer 2 and 3 tables for optimum efficiency.

Feature Rich Software

The DXS-3400 Series switches include feature rich software which satisfies the needs of Small Medium Business, Small Medium Enterprise, and campus users. It supports a wide range of Layer 2 and 3 functions such as VLANs, inter-VLAN routing, multicasting, Quality of Service (QoS), Virtual Router Redundancy Protocol (VRRP), Routing Information Protocol (RIP) v1/2, Next Generation RIP (RIPng), Policy-Based Routing (PBR), and security features. The DXS-3400 Series also includes an easy-to-use web interface and an industry standard CLI for improved management.



Lossless Ethernet

Data Center Bridging (DCB) is an essential set of enhancements to Ethernet for networking in data centre environments. The DXS-3400 Series switches support several core components of Data Center Bridging (DCB) such as IEEE 802.1Qbb, IEEE 802.1Qaz, and IEEE 802.1Qau. IEEE 802.1Qbb (Priority-based Flow Control) provides flow control on specific priority to ensure there is no data loss during network congestion. IEEE 802.1Qaz (Enhanced Transmission Selection) manages the allocation of bandwidth amongst different traffic classes. IEEE 802.1Qau (Congestion Notification) provides congestion management for data flows within network domains to avoid congestion.

Energy Efficient

The DXS-3400 Series switches feature front-to-back airflow which facilitates the building of energy-efficient data centres. The front-to-back airflow optimises air circulation inside the rack, allowing hot and cold isles in data centres, increasing energy efficiency in comparison to a mix of front-to-back and side-to-side airflow. The switches also feature in-built smart fans; internal heat sensors monitor and detect temperature changes, and react accordingly by utilising different fan speeds for different temperatures. At lower temperatures, the fans will run more slowly, reducing the switch's power consumption and noise.



If the worst should happen to your network you need the very best support and fast. Downtime costs your business money. D-Link Assist maximises your uptime by solving technical problems quickly and effectively. Our highly trained technicians are on standby around the clock, ensuring that award-winning support is only a phone call away.

With a choice of three affordable service offerings covering all D-Link business products, you can select the package that suits you best:

D-Link Assist Gold - for comprehensive 24-hour support

D-Link Assist Gold is perfect for mission-critical environments where maximum uptime is a high priority. It guarantees four hour around-the-clock response. Cover applies 24/7 for every day of the year including holidays.

D-Link Assist Silver - for prompt same-day assistance

D-Link Assist Silver is designed for 'high availability' businesses that require rapid response within regular working hours. It provides a four hour response service Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist Bronze - for guaranteed response on the next business day

D-Link Assist Bronze is a highly cost-effective support solution for less critical environments. Response is guaranteed within eight business hours Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist can be purchased together with any D-Link business product. So whether you're buying switching, wireless, storage, security or IP Surveillance equipment from D-Link, your peace of mind is guaranteed. D-Link Assist also offers installation and configuration services to get your new hardware working quickly and correctly.



General	DXS-3400-24TC	DXS-3400-24SC	
Interfaces	• 20-port 10GBASE-T and 4-port 10GBASE-T/SFP+ Combo Port	• 20-port 10G SFP+ and 4-port 10GBASE-T/SFP+ Combo Port	
Console Port	RJ45 and Mini USB console ports for out-of-band CLI management		
Management Port	• 10/100/1000BASE-T RJ-45 Ethernet for out-of-band IP management		
USB Port	• 1 port		
Performance			
Switching Capacity	• 480	• 480 Gbps	
Max. Forwarding Rate	• 357.12 Mpps		
Packet Buffer Memory	• 4 MB		
MAC Address Table	• Up to 48K entries		
Physical			
Power Input	• 100 to 240 V, 50/60 Hz, 2 A		
Maximum Power Consumption	• 159.8 W	• 118.6 W	
Standby Power Consumption	• 85.1 W	• 64.8 W	
Heat Dissipation (Max.)	• 557.94 BTU/hr	• 388.39 BTU/hr	
Dimensions (W x D x H)	• 441 x 44 x 380 mm (17.32 x 1.73 x 14.96 inches)		
Weight	7.6 kg (2 PSUs, 3 fan modules)6.65 kg (1 PSU, 3 fan modules)5.25 kg (no PSU or fan modules)	 7.45 kg (2 PSUs, 3 fan modules) 6.5 kg (1 PSU, 3 fan modules) 5.1 kg (no PSU or fan modules) 	
Operating Temperature	• -5 to 50 °C (32 to 113 °F)		
Storage Temperature	• -40 to 70 °C	• -40 to 70 °C (-40 to 158 °F)	
Operating Humidity	• 0% to 95% RH		
Storage Humidity	• 0% to 95% RH		
Certifications			
Safety	• cUL, CB, CE, CCC, BSMI		
EMI/EMC	• CE, FCC, C-Tick, VCCI, BSMI, CCC		



Stackability	Physical Stacking	Virtual Stacking/Clustering of up to 32 units
otackability	Up to 80G stacking bandwidth	Supports D-Link Single IP Management
	Up to 4 switches in a stack	
	Ring/chain topology support	
_2 Features	MAC Address Table	802.1AX Link Aggregation
	• Up to 48K entries	Max. 32 groups per device, 8 ports per goup
	Flow Control	ERPS (Ethernet Ring Protection Switching)
	802.3x Flow Control when using Full Duplex	Port Mirroring
	Back Pressure when using Half Duplex	Supports One-to-One, Many-to-One
	HOL Blocking Prevention	Supports Mirroring for Tx/Rx/Both
	Spanning Tree Protocol	Supports 4 mirroring groups
	• 802.1D STP	Flow Mirroring
	• 802.1w RSTP	Supports Mirroring for Rx
	• 802.1s MSTP	VLAN Mirroring
	Root Guard	L2 Protocol Tunneling
	Loop Guard	Loopback Detection (LBD)
	Jumbo Frame	iSCSI Awareness
	• Up to 12KB	
L2 Multicast Features	MLD Snooping	IGMP Snooping
	• MLD v1/v2 Snooping	• IGMP v1/v2/v3 Snooping
	Supports 256 groups	Supports 512 IGMP groups
	 Host-based MLD Snooping Fast Leave 	Supports 64 static IGMP groups
	Supports 64 static MLD groups	 Per VLAN IGMP Snooping
	MLD Snooping Querier	 IGMP Snooping Querier
	 Per VLAN MLD Snooping 	 Host-based IGMP Snooping Fast Leave
	MLD Proxy Reporting	PIM Snooping
L3 Features	• ARP	UDP Helper
	• 512 Static ARP	• IPv6 Tunneling
	Supports Gratuitous ARP	Static
	ARP Proxy	• ISATAP
	• IP Interface	• GRE
	Supports 256 interfaces	• 6to4
	Loopback Interface	 IGMP Proxy Reporting
	IPv6 Neighbor Discovery (ND)	• VRRP v2/v3
L3 Routing	Static Routing	Policy-based Route (PBR)
	Max. 256 IPv4 entries	Null Route
	Max. 128 IPv6 entries	 Bidirectional Forwarding Detection (BFD)
	Supports route redistribution	• RIP
	Supports secondary route	• RIP v1/v2
	Supports 4096 hardware routing entries shared by IPv4/IPv6	• RIPng ¹
	• Max. 4096 IPv4 entries	Route Redistribution
	Max. 1024 IPv6 entries	Default Route
	Supports 32K hardware L3 forwarding entries shared by IPv4/ IPv4	Static Route
	IPv6	• RIP
	Max. 32K IPv4 entries May. 16K IPv6 entries	• RIPng
	Max. 16K IPv6 entries Default Routing	Null Route
A // A A I		WANG
VLAN	• 802.1Q	VLAN Group
	• 802.1v	Max. 4K static VLAN groups Max. 4004 VIDs
	Double VLAN (Q-in-Q) Double VLAN (Q-in-Q)	Max. 4094 VIDs ISAN (I AN) (Multi-goot) (I AN)
	Port-based Q-in-Q Selective Q in Q	ISM VLAN (Multicast VLAN) Voice VLAN
	Selective Q-in-Q Port-based VLAN	Voice VLAN Auto Surveillance VLAN
	MAC-based VLAN	Auto Surveillance VLAN VLAN Trunking
	VIAC-Dased VLAN Subnet-based VLAN	VLAN Trunking GVRP
	Private VLAN	Up to 4094 dynamic VLANs
	TITYOUG VENUV	op to 1021 dynamic viz 1113



Quality of Service (QoS)	802.1X Authentication Supports Port-based access control Supports Host-based access control Identity-driven Policy Assignment Dynamic VLAN Assignment QoS Assignment ACL Assignment Web-based Access Control (WAC) Identity-driven Policy Assignment Dynamic VLAN Assignment Dynamic VLAN Assignment QoS Assignment Supports Port-based access control Supports Host-based access control Supports Host-based access control 802.1p Quality of Service 8 queues per port QoS based on 802.1p Priority Queues DSCP IP address	MAC-based Access Control (MAC) Identity-driven Policy Assignment Dynamic VLAN Assignment ACL Assignment Supports Port-based access control Supports Host-based access control Compound Authentication Microsoft NAP Support 802.1X NAP Support DHCP NAP RAIDUS and TACACS+ Authentication Authentication Database Failover Guest VLAN Queue Handling Strict Weighted Round Robin (WRR)
Quality of Service (QoS)	 Supports Host-based access control Identity-driven Policy Assignment Dynamic VLAN Assignment QoS Assignment ACL Assignment Web-based Access Control (WAC) Identity-driven Policy Assignment Dynamic VLAN Assignment QoS Assignment ACL Assignment Supports Port-based access control Supports Host-based access control 802.1p Quality of Service 8 queues per port QoS based on 802.1p Priority Queues DSCP 	 Dynamic VLAN Assignment QoS Assignment ACL Assignment Supports Port-based access control Supports Host-based access control Compound Authentication Microsoft NAP Support 802.1X NAP Support DHCP NAP RAIDUS and TACACS+ Authentication Authentication Database Failover Guest VLAN Queue Handling Strict Weighted Round Robin (WRR)
Quality of Service (QoS)	 Identity-driven Policy Assignment Dynamic VLAN Assignment QoS Assignment ACL Assignment Web-based Access Control (WAC) Identity-driven Policy Assignment Dynamic VLAN Assignment QoS Assignment ACL Assignment Supports Port-based access control Supports Host-based access control 802.1p Quality of Service 8 queues per port QoS based on 802.1p Priority Queues DSCP 	 QoS Assignment ACL Assignment Supports Port-based access control Supports Host-based access control Compound Authentication Microsoft NAP Support 802.1X NAP Support DHCP NAP RAIDUS and TACACS+ Authentication Authentication Database Failover Guest VLAN Queue Handling Strict Weighted Round Robin (WRR)
Quality of Service (QoS)	 Dynamic VLAN Assignment QoS Assignment ACL Assignment Web-based Access Control (WAC) Identity-driven Policy Assignment Dynamic VLAN Assignment QoS Assignment ACL Assignment Supports Port-based access control Supports Host-based access control 802.1p Quality of Service 8 queues per port QoS based on 802.1p Priority Queues DSCP 	 ACL Assignment Supports Port-based access control Supports Host-based access control Compound Authentication Microsoft NAP Support 802.1X NAP Support DHCP NAP RAIDUS and TACACS+ Authentication Authentication Database Failover Guest VLAN Queue Handling Strict Weighted Round Robin (WRR)
Quality of Service(QoS)	 QoS Assignment ACL Assignment Web-based Access Control (WAC) Identity-driven Policy Assignment Dynamic VLAN Assignment QoS Assignment ACL Assignment Supports Port-based access control Supports Host-based access control 802.1p Quality of Service 8 queues per port QoS based on 802.1p Priority Queues DSCP 	Supports Port-based access control Supports Host-based access control Compound Authentication Microsoft NAP Support 802.1X NAP Support DHCP NAP RAIDUS and TACACS+ Authentication Authentication Database Failover Guest VLAN Queue Handling Strict Weighted Round Robin (WRR)
Quality of Service (QoS)	ACL Assignment Web-based Access Control (WAC) Identity-driven Policy Assignment Dynamic VLAN Assignment ACL Assignment ACL Assignment Supports Port-based access control Supports Host-based access control 802.1p Quality of Service 8 queues per port QoS based on 802.1p Priority Queues DSCP	 Supports Host-based access control Compound Authentication Microsoft NAP Support 802.1X NAP Support DHCP NAP RAIDUS and TACACS+ Authentication Authentication Database Failover Guest VLAN Queue Handling Strict Weighted Round Robin (WRR)
Quality of Service (QoS)	Web-based Access Control (WAC) Identity-driven Policy Assignment Dynamic VLAN Assignment QoS Assignment ACL Assignment Supports Port-based access control Supports Host-based access control 802.1p Quality of Service 8 queues per port QoS based on 802.1p Priority Queues DSCP	Compound Authentication Microsoft NAP Support 802.1X NAP Support DHCP NAP RAIDUS and TACACS+ Authentication Authentication Database Failover Guest VLAN Queue Handling Strict Weighted Round Robin (WRR)
Quality of Service (QoS)	 Identity-driven Policy Assignment Dynamic VLAN Assignment QoS Assignment ACL Assignment Supports Port-based access control Supports Host-based access control 802.1p Quality of Service 8 queues per port QoS based on 802.1p Priority Queues DSCP 	Microsoft NAP Support 802.1X NAP Support DHCP NAP RAIDUS and TACACS+ Authentication Authentication Database Failover Guest VLAN Queue Handling Strict Weighted Round Robin (WRR)
Quality of Service (QoS)	 Dynamic VLAN Assignment QoS Assignment ACL Assignment Supports Port-based access control Supports Host-based access control 802.1p Quality of Service 8 queues per port QoS based on 802.1p Priority Queues DSCP 	 Support 802.1X NAP Support DHCP NAP RAIDUS and TACACS+ Authentication Authentication Database Failover Guest VLAN Queue Handling Strict Weighted Round Robin (WRR)
Quality of Service (QoS)	 QoS Assignment ACL Assignment Supports Port-based access control Supports Host-based access control 802.1p Quality of Service 8 queues per port QoS based on 802.1p Priority Queues DSCP 	 Support DHCP NAP RAIDUS and TACACS+ Authentication Authentication Database Failover Guest VLAN Queue Handling Strict Weighted Round Robin (WRR)
Quality of Service (QoS)	 ACL Assignment Supports Port-based access control Supports Host-based access control 802.1p Quality of Service 8 queues per port QoS based on 802.1p Priority Queues DSCP 	RAIDUS and TACACS+ Authentication Authentication Database Failover Guest VLAN Queue Handling Strict Weighted Round Robin (WRR)
Quality of Service (QoS)	 Supports Port-based access control Supports Host-based access control 802.1p Quality of Service 8 queues per port QoS based on 802.1p Priority Queues DSCP 	Authentication Database Failover Guest VLAN Queue Handling Strict Weighted Round Robin (WRR)
Quality of Service (QoS)	 Supports Host-based access control 802.1p Quality of Service 8 queues per port QoS based on 802.1p Priority Queues DSCP 	Guest VLAN Queue Handling Strict Weighted Round Robin (WRR)
Quality of Service (QoS)	 802.1p Quality of Service 8 queues per port QoS based on 802.1p Priority Queues DSCP 	Queue Handling Strict Weighted Round Robin (WRR)
Quality of Service (QoS)	8 queues per portQoS based on802.1p Priority QueuesDSCP	StrictWeighted Round Robin (WRR)
	QoS based on802.1p Priority QueuesDSCP	Weighted Round Robin (WRR)
	802.1p Priority QueuesDSCP	
	• DSCP	
	• DSCP	
		Deficit Round Robin (DRR)
	· II ddd1e33	Weighted Deficit Round Robin (WDRR)
	 MAC address 	Bandwidth Control
	VLAN	
		Port-based (Ingress/Egress, min. granularity 64 Kb/s) Flow based (Ingress (Egress, min. granularity 64 Kb/s)
	IPv6 Traffic Class	• Flow-based (Ingress/Egress, min. granularity 64 Kb/s)
	IPv6 Flow Label TGB (U.D.)	• Per queue bandwidth control (min. granularity 64 Kb/s)
	TCP/UDP port	 Support for following actions:
	Switch Port	 Remark 802.1p priority tag
	• Ether Type	 Remark ToS/DSCP tag
	ToS/IP Preference	Committed Information Rate (CIR)
	Protocol Type	Three Color Marker
	Congestion Control	• trTCM
	• WRED	• srTCM
Data Center Bridging (DCB)	802.1Qbb Priority-based Flow Control (PFC)	• 802.1Qau Congestion Notification (CN)
	802.1Qaz Enhanced Transmission Selection (ETS)	
Access Control List (ACL)	ACL based on:	Max. ACL entries:
	802.1p priority	• Ingress
	• VLAN	• IPv4: 1792
	 MAC address 	• IPv6: 448
	 EtherType 	• Egress
	• IP address	• IPv4: 512
	• DSCP	• IPv6: 256
	Protocol type	3K VLAN access map
	TCP/UDP port number	• Time-based ACL
	IPv6 Traffic Class	Time based Act
	IPv6 Flow Label	
Security	Port Security	ARP Spoofing Prevention
security	Supports up to 12K MAC addresses per port/system	Max. 64 entries
	Broadcast/Multicast/Unicast Storm Control	Duplicate Address Detection (DAD)
	D-Link Safeguard Engine DUCD Communication	L3 Control Packet Filtering T. (Control Packet Filtering) T. (Control Packet Filtering)
	DHCP Server Screening	Traffic Segmentation
	IP-MAC-Port Binding	• SSL
	Dynamic ARP Inspection	 Supports v1/v2/v3
	• IP Source Guard	 Supports IPv4/v6 access
	DHCP Snooping	• SSH
	• IPv6 Snooping	Supports SSH v2
	DHCPv6 Guard	• Supports IPv4/v6 access
	IPv6 Route Advertisement (RA) Guard	BPDU Attack Protection
	IPv6 ND Inspection	DOS Attack Protection
Operations, Administration	Cable Diagnostics	802.1ag Connectivity Fault Management (CFM)
and Maintenance (OAM)	802.3ah Ethernet Link OAM	Y.1731 OAM
and Maintenance (OAM)	D-Link Unidirectional Link Detection (DULD)	Optical Transceiver Digital Diagnostic Monitoring (DDM)
	Dying Gasp	- Optical Hansceiver Digital Diagnostic Monitoring (DDM)





Management	Web-based GUI	CPU Monitoring	
	• CLI	MTU Setting	
	Telnet Server	• ICMP Tools	
	Telnet Client	• Ping	
	TFTP Client	Traceroute	
	• FTP Client	• LLDP & LLDP-MED	
	Secure FTP (SFTP) Server	• DNS Relay	
	Traffic Monitoring	• SMTP	
	• SNMP	 DHCP Auto Configuration 	
	 Supports v1/v2c/v3 	• NTP	
	SNMP Trap	 RCP (Remote Copy Protocol) 	
	System Log	• RMONv1	
	DHCP Client	• RMONv2	
	DHCP Server	 Trusted Host 	
	DHCP Relay options 60, 61, 82	 Password Encryption 	

Standards

MIB & RFC Standards

- MIB Structure: RFC1065, RFC1066, RFC1155, RFC1156, RFC2578
- Concise MIB Definitions: RFC1212
- MIBII: RFC1213

Multiple Images

• Flash File System

• DNS Client

Multiple Configurations

- MIB Traps Convention: RFC1215
- Bridge MIB: RFC1493, RFC4188
- SNMP MIB: RFC1157, RFC2571, RFC2572, RFC2573, RFC2574, RFC2575, RFC2576
- SNMPv2 MIB: RFC1442, RFC1901, RFC1902, RFC1903, RFC1904, RFC1905, RFC1906, RFC1907, RFC1908, RFC2578, RFC3418, RFC3636
- RMON MIB: RFC271, RFC1757, RFC2819
- RMONv2 MIB: RFC2021
- Ether-like MIB: RFC1398, RFC1643, RFC1650, RFC2358, RFC2665, RFC3635
- 802.3 MAU MIB: RFC2668
- 802.1p MIB: RFC2674, RFC4363
- Interface Group MIB: RFC2863
- RADIUS Authentication Client MIB: RFC2618
- MIB for TCP: RFC4022
- MIB for UDP: RFC4113
- MIB for Diffserv.: RFC3298
- RADIUS Accounting Client MIB: RFC2620
- Ping & TRACEROUTE MIB: RFC2925
- Running configuration writes and backup (D-Link MIB)
- TFTP uploads and downloads (D-Link MIB)
- Trap MIB (D-Link MIB)
- IPv6 MIB: RFC2465
- ICMPv6 MIB: RFC2466
- Entity MIB: RFC2737
- VRRP MIB: RFC2787
- RIPv2 MIB: RFC1724
- OSPF MIB: RFC1850
- IPv4 Multicast Routing MIB: RFC5132, RFC2932
- PIM MIB for IPv4: RFC2934
- IP Forwarding Table MIB: RFC4292
- IPv6 SNMP Mgmt Interface MIB: RFC4293
- DDM MIB (D-Link MIB)

Private MIB (D-Link MIB)

Debug Command

sFlow

- · DIFFSERV MIB (D-Link MIB)
- MIB for D-Link Zone Defense (D-Link MIB)

• Switch Resource Management (SRM)

Microsoft Network Load Balancing (NLB)²

- IP: RFC791
- UDP: RFC768
- TCP: RFC793
- ICMPv4: RFC792
- ICMPv6: RFC2463, RFC4443
- Extended ICMP to Support Multi-Part Messages: RFC4884
- ARP: RFC826
- CIDR: RFC1338, RFC1519
- Definition of the DS Field in the IPv4 and IPv6 Headers: RFC2474, RFC3168, RFC3260
- Extensible Authentication Protocol (EAP): RFC1321, RFC2284, RFC2865, RFC2716, RFC1759, RFC3580, RFC3748
- SNMP Framework: RFC2571
- SNMP Message Processing and Dispatching: RFC2572
- SNMP Applications: RFC2573
- User-based Security Model for SNMPv3: RFC2574
- Expedited Forwarding PHB (Per-Hop Behavior): RFC3246
- Supplemental Information for the New Definition of the EF PHB (Expedited Forwarding Per-Hop Behavior): RFC3247
- DNS extension support for IPv6: RFC1886
- Path MTU Discovery for IPv6: RFC1981
- IPv6: RFC2460
- Neighbor Discovery for IPv6: RFC2461, RFC4861
- IPv6 Stateless Address Auto-configuration: RFC2462, RFC4862
- IPv6 over Ethernet and definition: RFC2464
- Dual Stack Hosts using the "Bump-In-the-Stack" Technology: RFC 2767
- IPv6 Addressing Architecture: RFC3513, RFC4291
- IPv4/IPv6 dual stack function: RFC2893, RFC4213
- Default Address Selection for Internet Protocol version 6: RFC3484
- IP-IP tunnel: IP Encapsulation within IP: RFC2003
- IP-IP tunnel:Allow MTU = 1500 or 1520: RFC1191
- L2 distributed tunnel CAPWAP Encapsulation: RFC5415

Optional Accessories		
DXS-PWR300AC	300 W AC modular power supply with front-to-back airflow	
Optional Management Software		
DV-700-N25-LIC	• D-View 7 - 25 Node License	
DV-700-N250-LIC	• D-View 7 - 250 Node License	
DV-700-P10-LIC	• D-View 7 - 10 Probe License	
Optional 100/1000 Mbps SFP Transceivers		
DEM-310GT	• 1000BASE-LX Single-Mode, 10 km	
DEM-311GT	• 1000BASE-SX Multi-mode, 550 m	
DEM-312GT2	• 1000BASE-SX Multi-mode, 2 km	
Optional 10G SFP+ Transceivers		
DEM-431XT	• 10GBASE-SR Multi-Mode, OM1:33M/OM2:82M/OM3:300M (w/o DDM)	
DEM-432XT	• 10GBASE-LR Single-Mode, 10 km (w/o DDM)	
Optional 10G Ethernet Adapter		
DXE-820T	Dual Port 10GBASE-T RJ-45 PCI Express Adapter	
Optional 10G SFP+ Direct Attach Cables		
DEM-CB100S	• 10G SFP+ to SFP+ 1 m Direct Attach Cable	
DEM-CB300S	• 10G SFP+ to SFP+ 3 m Direct Attach Cable	

¹The passive interface feature will be released in software version R2 ²This will be released in software version R2





