Flexible Choices
- 20/48 10/100/1000BASE-T ports or 20 SFP slots
- 4 Combo 10/100/1000BASE-T/SFP ports[1]
- 4 10-Gigabit SFP+ uplink ports
- 802.3af and 802.3at Power Over Ethernet support[2]
- Optional External Redundant Power Supply

High Bandwidth Physical/Virtual Stacking
- Physical stack of up to 12 units, 576 Gigabit ports
- Stackable through 2 10-Gigabit SFP+ ports
- Up to 40 Gbps Full-Duplex Stacking Bandwidth
- Virtual Stack of up to 32 units using single IP Management

Quality of Service
- 802.1p Priority Queues/Multi-Layer CoS
- IP Multicast support for Bandwidth-Intensive Applications
- Committed Information Rate

Reliability
- Redundant Power Supply (RPS) support
- 802.1D/802.1w/802.1s Spanning Tree
- Loopback Detection (LBD)
- Ethernet Ring Protection Switching (ERPS)

Security
- L2/L3/L4 Multi-Layer Access Control
- External RADIUS/TACACS+ Authentication
- SSH/SSL support
- 802.1X Guest VLAN
- Web-based Access Control (WAC)
- MAC-based Access Control (MAC)
- D-Link Safeguard Engine
- Supports Microsoft® NAP

Traffic Monitoring/Bandwidth Control
- Traffic Segmentation
- Granular Bandwidth Control Down to 64 Kbps per port
- Granular Broadcast Storm Control Down to 1 pps per port
- 802.3ad Link Aggregation
- RMON support
- Port mirroring

OAM
- 802.3ah Ethernet Link OAM
- 802.1ag, ITU-T Y.1731 Service OAM

Configuration/Management
- Web-based GUI
- Command Line Interface (CLI)
- SNMP v1, v2c, v3
- D-Link Single IP Management (SIM)
- Telnet
- Dual Images/Configurations
- DHCP Server
- sFlow
- LLDP

Green
- Time-based PoE
- Power Saving

[1] For DGS-3620-28TC/28SC/28PC models only
[2] For DGS-3620-28PC/52P models only

xStack L3 Managed Stackable Gigabit Switches

The xStack DGS-3620 Series of next generation Layer 3 Gigabit switches deliver performance, flexibility, security, multi-layer QoS, and accessibility, along with redundant power solutions for SMBs and enterprises. With high Gigabit port densities, Gigabit SFP and 10-Gigabit SFP+ support, and advanced software solutions, these switches can act as either departmental access layer devices or core switches to form a multilevel network structured with backbone and centralized high-speed servers. Service providers can take advantage of the high SFP density switches to structure the cores of Fiber to the Building (FTTB) networks that are extended to the subscribers' sites.

Standard and Enhanced Images
The DGS-3620 Series is embedded with two different software images, the Standard Image (SI) and the Enhanced Image (EI). The Standard Image provides fundamental features for campuses and enterprises such as switching, routing, multicasting, advanced Quality of Service (QoS), and robust security features. The Enhanced Image supports OAM, BGP, IPv6 dynamic routing, and tunneling which are all suitable for the service provider network.

Unparalleled Flexibility
Easily deployed and simple to manage, the DGS-3620 can be stacked with any switch that supports D-Link's Single IP Management to form a multi-level network structured with backbone and centralized high-speed servers. The virtual stack can include units located anywhere on the same network domain, and uses optional 10-Gigabit uplinks to move intra-stack traffic at 20 Gbps full duplex speeds. The stack can also eliminate single point of failures, cable distance barriers, limitations of physical stacking, and the need for stack cabling.

Redundant Ring Stacking
Alternatively, depending on whether linear or fault-tolerant ring stacking is implemented, users can use one or two 10-Gigabit SFP+ ports to create a physical stack. 12 units or 576 Gigabit ports can be configured for a stack using direct attach cables providing high-bandwidth on the already cost efficient DGS-3620 Series.

Security, Performance & Availability
The DGS-3620 Series provides a complete set of security features including L2/L3/L4 multi-layer Access Control Lists and 802.1X user authentication via TACACS+ and RADIUS servers. D-Link ZoneDefense technology is built-in, allowing businesses to integrate the switch stack with D-Link NetDefend firewalls to implement a complete and proactive security infrastructure.

The DGS-3620 Series offers extensive VLAN support including GVRP and 802.1Q VLAN to enhance security and performance. A robust set of L2/L3/L4 QoS/CoS solutions help ensure that critical network services such as VoIP, ERP, Intranet, and video conferencing are served with proper priority. The DGS-3620 Series provides D-Link's Safeguard Engine to increase the switch's reliability, serviceability, and availability to prevent malicious flooding traffic caused by worms or virus infections. Bandwidth Control can be flexibly set for each port using pre-defined thresholds to assure a committed level of service for end users. For advanced applications, flow-based bandwidth control allows easy fine-tuning of service types based on specific IP addresses or protocols.

IPv6 Technology
The DGS-3620 Series also features comprehensive IPv6 support, including IPv6 Tunnel, ICMPv6, DHCPv6, RIPng, OSPFv3, BGP+ and more. With 10-Gigabit connectivity and IPv6 support, the DGS-3620 Series enables you to future-proof your network for cost efficiency and longevity while meeting the requirements that future IPv6 capable network devices require.

D-Link Green Technology
D-Link is striving to take the lead in developing innovative and power-saving technology that does not sacrifice operational performance or functionality. The DGS-3620 Series implements D-Link Green technology, which includes a power saving mode, smart fan feature, reduced heat dissipation, and cable length detection. The power saving feature automatically powers down ports that have no link or link partner. The Smart Fan feature allows for the built-in fans to automatically turn on only at a certain temperature, providing continuous, reliable and eco-friendly operation of the switch.

D-Link®

Technical Specifications		DGS-3620-28TC	DGS-3620-28TC-DC	DGS-3620-28SC	DGS-3620-28SC-DC
General	Interfaces	20 10/100/1000BASE-T ports 4 Combo 10/100/1000BASE-T/SFP ports 4 SFP+ ports	20 10/100/1000BASE-T ports 4 Combo 10/100/1000BASE-T/SFP ports 4 SFP+ ports	20 SFP ports 4 Combo 10/100/1000BASE-T/SFP ports 4 SFP+ ports	20 SFP ports 4 Combo 10/100/1000BASE-T/SFP ports 4 SFP+ ports
	Optional Redundant Power Supply	DPS-500	DPS-500	DPS-500	DPS-500
	Console Port	RJ-45			
	Management Port	10/100BASE-T			
	Alarm Port	1			
	SD Card Slot	1			

Performance	Switch Fabric	128 Gbps	128 Gbps	128 Gbps	128 Gbps
	Packet Forwarding Rate	95.24 Mpps	95.24 Mpps	95.24 Mpps	95.24 Mpps
	Packet Buffer	2 MB			
	MAC Address Table	32K Entries			
	IP v4/v6 Routing Table	12K/6K Entries			
	IP v4 Routing Table	8K Entries			
	IP v6 Routing Table	4K Entries			
	Jumbo Frame Size	13000 bytes			
PoE	PoE Standard	-	-	-	-
	PoE Power Budget	-	-	-	-
Physical	MTBF (Hours)	287763.2892 hours	372899.3973 hours	299801.4971 hours	393367.7595 hours
	Acoustic	Operation Temperature at: below 30°C: < 38.7 dB above 30°C~: < 46.5 dB	Operation Temperature at: below 30°C: < 38.7 dB above 30°C~: < 46.5 dB	Operation Temperature at: below 30°C: < 38.9 dB above 30°C~: < 46.2 dB	Operation Temperature at: below 30°C: < 38.9 dB above 30°C~: < 46.2 dB
	Heat Dissipation	173.2 BTU/hr	175.6 BTU/hr	205.3 BTU/hr	223.4 BTU/hr
	Power Input	100 to 240 V AC, 50/60Hz	-36 to -72 V DC	100 to 240 V AC, 50/60Hz	-36 to -72 V DC
	Max Power Consumption	50.8 watts	51.5 watts	60.2 watts	65.5 watts
	Dimensions (W x D x H)	441 mm x 310 mm x 44 mm	441 mm x 310 mm x 44 mm	441 mm x 310 mm x 44 mm	441 mm x 310 mm x 44 mm
	Weight	4.15 kg	4.15 kg	4.10 kg	4.10 kg
	Ventilation	Smart Fan (> 40 ˚C: High Speed; < 35 ˚C: Low Speed)[3]			
	Operating Temperature	0 to 50 °C			
	Storage Temperature	-40 to 70 °C			
	Operating Humidity	10% to 90% RH			
	Storage Humidity	5% to 90% RH			
	Emission (EMI)	FCC Class A, CE Class A, VCCI Class A, IC, C-Tick			
	Safety	CB, cUL, LVD			
	Certification	IPv6 Ready Logo Phase 2			

SWITCH

Technical Specifications		DGS-3620-28PC	DGS-3620-52T	DGS-3620-52P
General	Interfaces	20 10/100/1000BASE-T ports 4 Combo 10/100/1000BASE-T/SFP ports 4 SFP+ ports	48 10/100/1000BASE-T ports 4 SFP+ ports	48 10/100/1000BASE-T ports 4 SFP+ ports
	Optional Redundant Power Supply	DPS-700	DPS-500	DPS-700
	Console Port	RJ-45		
	Management Port	10/100BASE-T		
	Alarm Port	1		
	SD Card Slot	1		
Performance	Switch Fabric	128 Gpbs	176 Gbps	176 Gbps
	Packet Forwarding Rate	95.24 Mpps	130.95 Mpps	130.95 Mpps
	Packet Buffer	2 MB		
	MAC Address Table	32K Entries		
	IP v4/v6 Routing Table	12K/6K Entries		
	IP v4 Routing Table	8K Entries		
	IP v6 Routing Table	4K Entries		
	Jumbo Frame Size	13000 bytes		
PoE	PoE Standard	802.3af and 802.3at	-	802.3af and 802.3at
	PoE Power Budget	370 watts (740 watts with DPS-700 RPS)	-	370 watts (740 watts with DPS-700 RPS)
Physical	MTBF (Hours)	230619.6475 hours	255608.808 hours	202462.1368 hours
	Acoustic	Operation Temperature at: below 30 °C: < 40.3 dB above 30 °C~: < 52.5 dB	Operation Temperature at: below 30 °C: < 40.6 dB above 30 °C~: < 51.1 dB	Operation Temperature at: below 30 °C: < 43.2 dB above 30 °C~: < 54.8 dB
	Heat Dissipation	1630 BTU/hr	276.2 BTU/hr	1723.4 BTU/hr
	Power Input	100 to 240 V AC, 50/60Hz	100 to 240 V AC, 50/60Hz	100 to 240 V AC, 50/60Hz
	Max Power Consumption	478.0 watts	81.0 watts	505.4 watts
	Dimensions (W x D x H)	441 mm x 380 mm x 44 mm	441 mm x 380 mm x 44 mm	441 mm x 380 mm x 44 mm
	Weight	5.76 kg	5.13 kg	6.30 kg
	Ventilation	Smart Fan (> 40 ˚C: High Speed; < 35 ˚C: Low Speed)[3]		
	Operating Temperature	0-50 °C		
	Storage Temperature	-40 to 70 °C		
	Operating Humidity	10% to 90% RH		
	Storage Humidity	5% to 90% RH		
	Emission (EMI)	FCC Class A, CE Class A, VCCI Class A, IC, C-Tick		
	Safety	CB, cUL, LVD		
	Certification	IPv6 Ready Logo Phase 2		

[3]By default, the fan speed is low. When the temperature inside the chassis is over 40˚C, the fan switches to high speed and remains high until the temperature is down to 35 ˚C.

Software Features

Stackability
- Virtual Stacking Support
  - D-Link Single IP Management
  - Up to 32 devices per virtual stack
  - Up to 20G stacking bandwidth
- Physical Stacking
  - Supports Duplex Chain/Ring topology
  - Up to 40G stacking bandwidth
  - Up to 12 units per stack

L2 Features
- MAC Address Table: 32K
- Flow Control
  - 802.3x Flow Control
  - HOL Blocking Prevention
- Jumbo Frames up to 13000 bytes
- IGMP snooping
  - IGMP v1/v2/v3 Snooping
  - Supports 1K groups
  - Port/Host-based
  - IGMP Snooping
  - Fast Leave
- MLD Snooping
  - MLD v1 Snooping
  - Supports 1K groups
  - Host-based MLD Snooping Fast Leave
- Spanning Tree
  - 802.1D-2004 STP
  - 802.1w RSTP
  - 802.1Q-2005 MSTP
  - BPDU filtering
  - Root Restriction
- Loopback Detection
- 802.3ad Link Aggregation
- Max. 32 groups per device
  - 8 Gigabit ports or 2 10-Gigabit ports per group
- Port Mirroring
  - Supports 4 Mirroring Groups
  - Supports One-to-One, Many-to-One, Flow-based, and RSPAN mirroring
- L2 Protocol Tunneling
- ERPS (Ethernet Ring Protection Switching)

VLAN
- VLAN Group
  - Max. 4K Static VLAN Groups
  - Max. 255 Dynamic VLAN Groups
- 802.1Q Tagged VLAN
- 802.1v Protocol VLAN
- GVRP
- Double VLAN (Q-in-Q)
  - Port-based Q-in-Q
  - Selective Q-in-Q
- MAC-based VLAN
- VLAN Trunking
- Super VLAN

L3 Features
- 256 IP interfaces
- Loopback interface
- VRRP
- IPv6 Ready Phase 2
- Proxy ARP
- Gratuitous ARP

L3 Routing
- 12K hardware routing entries shared by IPv4/v6
  - Max. 12K IPv4 routes
  - Max. 6K IPv6 routes
- 8K hardware L3 forwarding entries shared by IPv4/v6
  - Max. 8K IPv4 entries
  - Max. 4K IPv6 entries
- 256 static routing entries for IPv4, 128 entries for IPv6
  - Supports ECMP/WCMP
- Policy-based Routing
- RIP v1/v2
- OSPF
  - OSPF v2
  - OSPF Passive Interface
  - Stub/NSSA Area
  - OSPF Equal Cost Route

Multicasting
- 2K hardware multicast groups
- PIM-DM
- PIM-SM
- PIM Sparse-Dense Mode
- IGMP v1/v2/v3

QoS (Quality of Service)
- 802.1p Class of Service (CoS)
- 8 queues per port
- Queue Handling
  - Strict
  - Weighted Round Robin (WRR)
  - Strict + WRR
- CoS based on
  - Switch Port
  - VLAN ID
  - 802.1p Priority Queues
  - MAC Address
  - IPv4/v6 Address
  - DSCP
  - Protocol Type
  - IPv6 Traffic Class
  - IPv6 Flow Label
  - TCP/UDP Port
  - User-defined Packet Content
- Supports following actions for flows:
  - Remark 802.1p Priority Tag
  - Remark TOS/DSCP Tag
  - Bandwidth Control
  - Flow Statistics
  - Committed Information Rate (CIR), min. granularity 1 Kbps.

- Bandwidth Control
  - Port-based (Ingress/Egress, min. granularity 64 Kbps)
  - Flow-based (Ingress, min. granularity 64 Kbps)
- Time-based QoS

ACL (Access Control List)
- Ingress ACL: support up to 6 profiles and 256 rules per profile
- Egress ACL: support up to 4 profiles and 128 rules per profile
- ACL based on
  - 802.1p Priority
  - VLAN ID
  - MAC Address
  - Ether Type
  - IPv4/v6 Address
  - DSCP
  - Protocol Type
  - TCP/UDP Port Number
  - IPv6 Traffic Class
  - IPv6 Flow Label
  - User-defined Packet Content
- ACL Statistics
- Time-based ACL
- CPU interface filtering

Security
- SSH v2
- SSL v1/v2/v3
- Port Security for up to 16 MAC addresses per port
- Broadcast/Multicast/Unicast Storm Control
- Traffic Segmentation
- IP-MAC-Port Binding
  - ARP Packet Inspection
  - IP Packet Inspection
  - DHCP Snooping
  - DHCPv6 and NDP Snooping
  - Supports up to 500 Address Binding Entries per device
- D-Link Safeguard Engine
- DHCP Server Screening
- CPU Interface Filtering
- ARP Spoofing Prevention
- BPDU Attack Protection

AAA
- 802.1X
  - Port-based Access Control
  - Host-based Access Control
  - Dynamic VLAN Assignment
- Web-based Access Control (WAC)
  - Port-based Access Control
  - Host-based Access Control
  - Dynamic VLAN Assignment
- MAC-based Access Control (MAC)
  - Port-based Access Control
  - Host-based Access Control
  - Dynamic VLAN Assignment

- Japan Web-based Access Control (JWAC)
  - Host-based Access Control
- Microsoft® NAP
  - Supports 802.1X NAP
  - Supports DHCP NAP
- Guest VLAN
- RADIUS and TACACS+ authentication for switch access
- 4-Level user account

Management
- Web-based GUI
- Command Line Interface (CLI)
- Telnet Server
- Telnet Client
- TFTP Client
- ZModem
- SNMP v1/v2c/v3
- SNMP Trap
- System Log
- RMON v1
  - Supports 1,2,3,9 Groups
- RMON v2
  - Supports ProbeConfig Group
- sFlow
- LLDP/LLDP-MED
- BootP/DHCP Client
- DHCP Auto-Configuration
- DHCP Relay
- DHCP Relay Option 60; 61
- DHCP Relay Option 82
- DHCP Server
- Flash File System
- Multiple Images
- Multiple Configurations
- CPU Monitoring
- Debug Command
- SNTP
- ICMPv6
- DHCPv6 Client
- DHCPv6 Relay
- DHCPv6 Server
- Trusted Host
- MTU Setting
- Microsoft® NLB Support
- UDP helper [4]

OAM
- 802.3ah Ethernet Link OAM
- 802.3ah D-Link Extension: D-Link Unidirectional Link Detection (DULD)
- IEEE1588 Precision Time Protocol (PTP)

xStack L3 Managed Stackable Gigabit Switches

MIB/IETF Standards
- RFC1213 MIB-II
- RFC1493 Bridge MIB
- RFC1907 SNMPv2 MIB
- RFC2571~2576 SNMP MIB
- RFC1271, 2819 RMON MIB
- RFC2021 RMON v2 MIB
- RFC2665 Ether-like MIB
- RFC2668 MAU MIB
- RFC2674 802.1p MIB
- RFC2233, 2863 IF MIB
- RFC2618 RADIUS Authentication Client MIB

- RFC1724 RIP v2 MIB
- RFC1850 OSPF v2 MIB
- RFC2096 IP Forwarding Table MIB (CIDR)
- RFC2787 VRRP MIB
- RFC2932 IPv4 Multicast Routing MIB
- RFC2934 PIM MIB for IPv4
- RFC2620 RADIUS Accounting Client MIB
- RFC2933 IGMP MIB
- Ping MIB
- Traceroute MIB
- D-Link Private MIB

- RFC768 UDP
- RFC783 TFTP
- RFC 791 IP
- RFC 792 ICMP
- RFC 793 TCP
- RFC 826 ARP
- RFC854 Telnet
- RFC951, 1542 BootP
- RFC2068 HTTP
- RFC2338 VRRP
- RFC2529, 3053, 3056 IPv6 Tunnel
- RFC2138 RADIUS
- RFC2139 RADIUS Accounting

- RFC1492 TACACS
- RFC3176 sFlow
- RFC2598 DiffServ Expedited Forwarding
- RFC2460 IPv6
- RFC4861 IPv6 Neighbor Discovery (ND)
- RFC4862 IPv6 Stateless Address Autoconfiguration
- RFC1981 IPv6 Path MTU Discovery

Enhanced Image (EI) Features

VLAN
- 802.1Qbb

L3 Features
- IPv6 Tunneling
  - Static
  - ISATAP
  - GRE
  - 6to4

L3 Routing
- RIPng (IPv6)
- OSPF
  - OSPF v3 (IPv6)
- BGP v4
- BGP+ v4

Multicasting
- PIM-SM v6
- DVMRP v3

OAM
- Cable Diagnostics
- 802.1ag Connectivity Fault Management (CFM)
- ITU-T Y.1731

MPLS
- VRF[4]
- Label Management [4]
- LDP [4]
- MPLS L3 VPN (MPLS/BGP VPN)[4]
- MPLS L2 VPN [4]
- VPLS [4]

Ordering Information

DGS-3620-28TC/SI	20 10/100/1000BASE-T and 4 Combo 10/100/1000BASE-T/SFP and 4 SFP+ with embedded SI image (stacking cable and SD card are not included)
DGS-3620-28TC/EI	20 10/100/1000BASE-T and 4 Combo 10/100/1000BASE-T/SFP and 4 SFP+ with embedded EI image (stacking cable and SD card are not included)
DGS-3620-28TC-DC/SI[5]	20 10/100/1000BASE-T and 4 Combo 10/100/1000BASE-T/SFP and 4 SFP+ with embeded SI image, DC Power (stacking cable and SD card are not included)
DGS-3620-28TC-DC/EI[5]	20 10/100/1000BASE-T and 4 Combo 10/100/1000BASE-T/SFP and 4 SFP+ with embeded EI image, DC Power (stacking cable and SD card are not included)
DGS-3620-28SC/SI	20 SFP and 4 Combo 10/100/1000BASE-T/SFP and 4 SFP+ with embedded SI image (stacking cable and SD card are not included)
DGS-3620-28SC/EI	20 SFP and 4 Combo 10/100/1000BASE-T/SFP and 4 SFP+ with embedded EI image (stacking cable and SD card are not included)
DGS-3620-28SC-DC/SI[5]	20 SFP and 4 Combo 10/100/1000BASE-T and 4 SFP+ with embedded SI image, DC Power (stacking cable and SD card are not included)
DGS-3620-28SC-DC/EI[5]	20 SFP and 4 Combo 10/100/1000BASE-T and 4 SFP+ with embedded EI image, DC Power (stacking cable and SD card are not included)
DGS-3620-28PC/SI	20 10/100/1000BASE-T PoE and 4 Combo 10/100/1000BASE-T/SFP and 4 SFP+ with embedded SI image (stacking cable and SD card are not included)
DGS-3620-28PC/EI	20 10/100/1000BASE-T PoE and 4 Combo 10/100/1000BASE-T/SFP and 4 SFP+ with embedded EI image (stacking cable and SD card are not included)
DGS-3620-52T/SI	48 10/100/1000BASE-T and 4 SFP+ with embedded SI image (stacking cable and SD card are not included)
DGS-3620-52T/EI	48 10/100/1000BASE-T and 4 SFP+ with embedded EI image (stacking cable and SD card are not included)
DGS-3620-52P/SI	48 10/100/1000BASE-T PoE and 4 SFP+ with embedded SI image (stacking cable and SD card are not included)
DGS-3620-52P/EI	48 10/100/1000BASE-T PoE and 4 SFP+ with embedded EI image (stacking cable and SD card are not included)

Optional Products

Optional Management Software

DV-600S	D-View 6.0 Network Management Software Standard Edition
DV-600P	D-View 6.0 Network Management Software Professional Edition
DV-601P [5]	E2ES Console Plug-in for D-View 6.0

Optional 10 Gbps SFP+ Transceivers

DEM-431XT	10 GBASE-SR SFP+ Transceiver (w/o DDM), 80 m: OM1 & OM2 MMF, 300 m: OM3 MMF
DEM-431XT-DD	10GBASE-SR SFP+ Transceiver (with DDM), 80 m: OM1 & OM2 MMF, 300 m: OM3 MMF
DEM-432XT	10GBASE-LR SFP+ Transceiver (w/o DDM), 10 km
DEM-432XT-DD	10GBASE-LR SFP+ Transceiver (with DDM), 10 km
DEM-433XT	10GBASE-ER SFP+ Transceiver (w/o DDM), 40 km
DEM-433XT-DD	10GBASE-ER SFP+ Transceiver (with DDM), 40 km
DEM-435XT	10GBASE-LRM SFP+ Transceiver (w/o DDM), 220 m: OM1 & OM2 MMF, 300 m: OM3 MMF
DEM-435XT-DD	10GBASE-LRM SFP+ Transceiver (with DDM), 220m: OM1 & OM2 MMF, 300 m: OM3 MMF
DEM-436XT-BXU	10GBASE-LR BiDi SFP+ Transceiver (w/o DDM) 20 km, TX: 1270 nm, RX: 1330 nm
DEM-436XT-BXD	10GBASE-LR BiDi SFP+ Transceiver (w/o DDM) 20 km, TX: 1330 nm, RX: 1270 nm

Optional 1 Gbps SFP Transceivers

DEM-310GT	SFP transceiver, 1000BASE-LX standard, single-mode fiber, max. distance 10 km, 3.3 V operating voltage
DEM-311GT	SFP transceiver, 1000BASE-SX standard, multi-mode fiber, max. distance 550 m, 3.3 V operating voltage
DEM-312GT2	SFP transceiver 1000BASE-SX standard, multi-mode fiber, max. distance 2 km, 3.3 V operating voltage
DEM-314GT	SFP transceiver, 1000BASE-LX standard, single-mode fiber, max. distance 50 km, 3.3 V operating voltage
DEM-315GT	SFP transceiver, 1000BASE-LX standard, single-mode fiber, max. distance 80 km, 3.3 V operating voltage
DEM-330T	WDM SFP transceiver, 1000BASE-LX standard, single-mode fiber, max. distance 10 km, 3.3 V operating voltage, Tx wavelength 1550 nm, Rx wavelength 1310 nm
DEM-330R	WDM SFP transceiver, 1000BASE-LX standard, single-mode fiber, max. distance 10 km, 3.3 V operating voltage, Tx wavelength 1310 nm, Rx wavelength 1550 nm
DEM-331T	WDM SFP transceiver, 1000BASE-LX standard, single-mode fiber, max. distance 40 km, 3.3 V operating voltage, Tx wavelength 1550 nm, Rx wavelength 1310 nm

DEM-331R	WDM SFP transceiver 1000BASE-LX standard, single-mode fiber, max. distance 40 km, 3.3 V operating voltage, Tx wavelength 1310 nm, Rx wavelength1550 nm
DEM-211	SFP transceiver, 100BASE-FX multi-mode fiber, max. distance 2 km, 3.3 V operating voltage
DEM-210	SFP transceiver, 100BASE-FX single-mode fiber, max. distance 15 km, 3.3 V operating voltage
DEM-220T	100Base-BX, Wavelength Tx:1550 nm, Rx:1310 nm,Single-mode, 20 km (for DGS-3612 and DGS-3612G only)
DEM-220R	100Base-BX, Wavelength Tx:1310 nm, Rx:1550 nm,Single-mode, 20 km (for DGS-3612 and DGS-3612G only)

Optional 10 Gbps SFP+ Direct Attach Cables

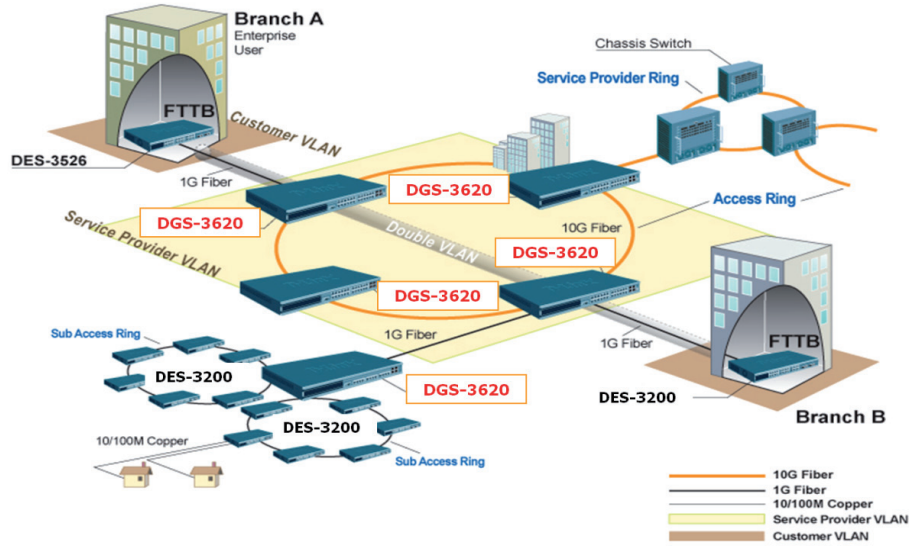|	
DEM-CB100S	10-GbE SFP+ 1 m Direct Attach Cable
DEM-CB300S	10-GbE SFP+ 3 m Direct Attach Cable
DEM-CB700S	10-GbE SFP+ 7 m Direct Attach Cable

Optional Redundant Power Supplies

DPS-500	140-watt redundant power supply
DPS-500DC	140-watt DC redundant power supply
DPS-700 [6]	589-watt redundant power supply

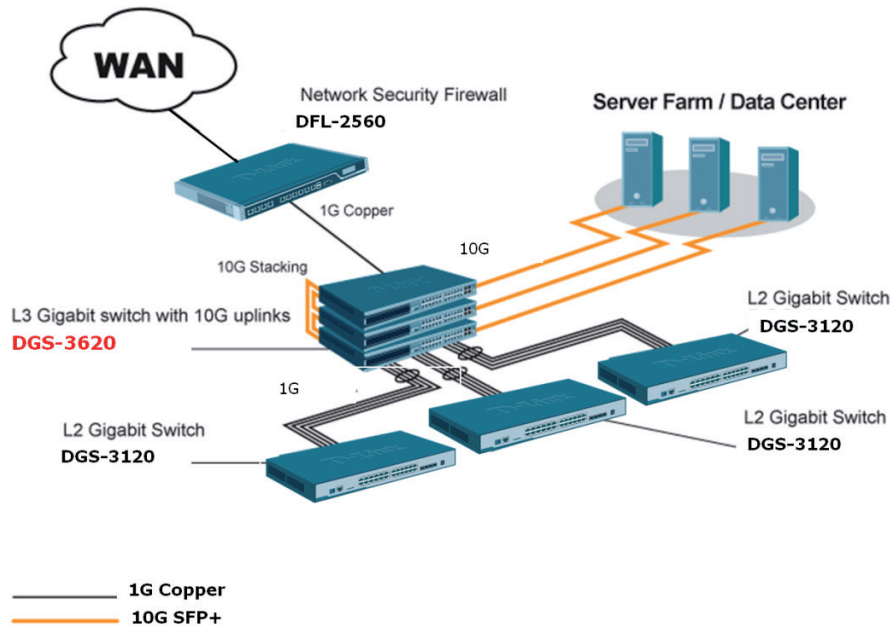[4]Functions available in future firmware upgrade.
[5] Product available in the future
[6] Supported in DGS-3620-28PC and DGS-3620-52P only.

Aggregation Solution for Service Provider Networks

Core Solution for SMB Enterprise Networks