

DES-3500 Series

- DES-3526**
24-Port 10/100 Layer 2 Virtual Stacking Switch
- DES-3550**
48-Port 10/100 Layer 2 Virtual Stacking Switch

DES-3800 Series

- DES-3828**
24-Port 10/100 Layer 3 Virtual Stacking Switch
- DES-3828P**
24-Port 10/100 Layer 3 Virtual Stacking Switch with Power over Ethernet
- DES-3852**
48-Port 10/100 Layer 3 Virtual Stacking Switch

DGS-3300 Series

- DGS-3324SRi**
24-Port 10/100/1000 Layer 3 Stacking Switch (Master)
- DGS-3324SR**
24-Port 10/100/1000 Layer 3 Stacking Switch (Client)

DXS-3300 Series

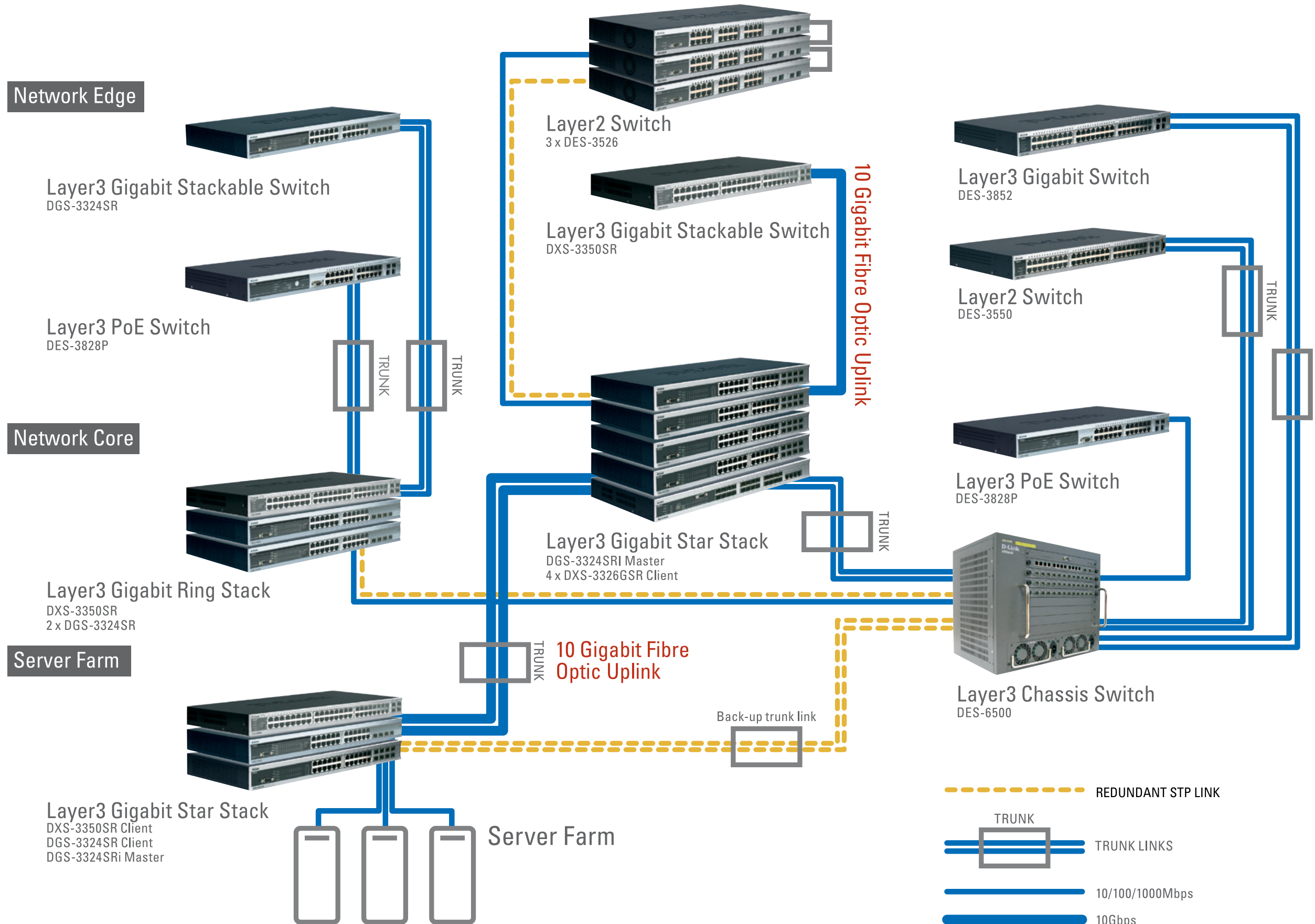
- DXS-3326GSR**
24-port SFP Layer3 Gigabit Stacking Switch with optional 10 Gigabit Uplink
- DXS-3350SR**
48-port 10/100/1000 Layer3 Gigabit Stacking Switch with optional 10 Gigabit Uplink

DGS-3400 Series

- DGS-3426**
24-Port 10/100/1000 Layer 2+ Stacking Switch and 2 slots for 10 Gigabit XFP modules
- DGS-3427**
24-Port 10/100/1000 Layer 2+ Stacking Switch and 3 slots for 10 Gigabit XFP modules
- DGS-3450**
48-Port 10/100/1000 Layer 2+ Stacking Switch and 2 slots for 10 Gigabit XFP modules

DWS-3024

- DWS-3024**
24-port 10/100/1000Base-T Layer 2+ Wireless Switch with integrated PoE and 4 slot Combo SFP



Transceivers (all Switches)

- DEM-310GT - Mini GBIC to 1000BaseLX Single Mode Fibre (up to 10km)
- DEM-311GT - Mini GBIC to 1000BaseSX Multi-mode Fibre (up to 550m)
- DEM-312GT2 - Mini GBIC to 1000BaseLX Multi-mode Fibre (up to 2km)
- DEM-421XT - XFP to 10GBaseSR Multi-mode Fibre (up to 300m)
- DEM-422XT - XFP to 10GBaseLR Single-mode Fibre (up to 10km)
- DEM-420X - 2-Port 10Gbps XFP Uplink Module for DXS-3326GSR/3350SR

DES-6500

- DES-6500**
8-Slot Layer 3 Gigabit Chassis Switch

Optional Modules

- DES-6504 - 12-Port 100BaseFX LC fibre module.
- DES-6505 - 8-Port 1000BaseSX SC fibre module.
- DES-6506 - 24-Port RJ45 Patch Panel for 6510.
- DES-6507 - 12-Port 1000BaseT (RJ45) with 2-Port Combo SFP module.
- DES-6508 - 16-Port 100BaseTX (RJ45) module.
- DES-6509 - 12-Port Mini-GBIC (SFP) module.
- DES-6510 - 24-Port 100BaseTX (RJ21) module (Requires DES-6506).
- DES-6511 - Redundant power supply module.
- DES-6512 - 2-Port 10G XFP module.

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	DES-3828	DES-3828P	DES-3852	DGS-3324SRi	DGS-3324SR	DXS-3326GSR	DXS-3350SR	DGS-3426	DGS-3427	DGS-3450	DES-3526	DES-3550
Interface												
10/100/1000BASE-T Ports	2	2	2	24	24	4**	48	24	24	48	2	2
10/100/BASE-TX Ports	24	24	48	-	-	-	-	-	-	-	24	48
Combo 10/100/1000BASE-T Ports/SFP Slots	2	2	2	-	-	-	-	-	-	-	✓	✓
Auto-Negotiation of Network Speed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Auto-MDI/MDIX	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
802.3x Flow Control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SFP	2*	2*	2*	8*	4*	24	4*	4	4	4	✓	✓
Open Slot for 10Gigabit Uplink Module	-	-	-	-	-	✓	✓	2	3	2	-	-
CompactFlash Slot	-	-	-	✓	-	-	-	-	-	-	-	-
RS-232 Console Port	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Physical Stacking												
SIO Stacking Ports	-	-	-	6	2	2	2	-	-	-	-	-
Installable Module for Stacking	-	-	-	-	-	-	-	Single-Port DEM-410CX 2 CX4 Ports	Single-Port DEM-410CX 2 CX4 Ports	Single-Port DEM-410CX 2 CX4 Ports	-	-
Max Number of Stacking Ports Installable	-	-	-	-	-	-	-	-	-	-	-	-
Stacking Port Speed	-	-	-	20Gbps (Full-Duplex)	20Gbps (Full-Duplex)	20Gbps (Full-Duplex)	20Gbps (Full-Duplex)	20Gbps (Full-Duplex)	20Gbps (Full-Duplex)	20Gbps (Full-Duplex)	-	-
No. of Units Per Stack (Star Topology) ***	32 via SIM	32 via SIM	32 via SIM	7	7	7	7	32 via SIM	32 via SIM	32 via SIM	32 via SIM	32 via SIM
No. of Units Per Stack (Ring Topology) ****	32 via SIM	32 via SIM	32 via SIM	12	12	12	12	12	12	12	32 via SIM	32 via SIM
No. of Units Per Stack (Chain Topology)	32 via SIM	32 via SIM	32 via SIM	12	12	12	12	12	32 via SIM	32 via SIM	32 via SIM	32 via SIM
Optional 10-Gigabit Uplink												
Single XFP Slot Module	-	-	-	-	-	2	2	✓	✓	✓	-	-
Single CX4 Port Module	-	-	-	-	-	2	2	✓	✓	✓	-	-
10GBASE-SR (300 m Multi-Mode Fiber) Support	-	-	-	-	-	✓	✓	✓	✓	✓	-	-
10GBASE-LR (10 km Single-Mode Fiber) Support	-	-	-	-	-	✓	✓	✓	✓	✓	-	-
10BASE-ER (40 km Single-Mode Fiber) Support	-	-	-	-	-	✓	✓	✓	✓	✓	-	-
Max. Number of 10 Gig Uplinks Installable	-	-	-	-	-	2	2	2	3	2	-	-
Performance												
Switch Fabric	12.8Gbps	12.8Gbps	17.6Gbps	186Gbps	88Gbps	128Gbps	176Gbps	88Gbps	108Gbps	136Gbps	8.8Gbps	13.6Gbps
Packet Forwarding Rate	9.5mpps	9.5mpps	13.1mpps	125mpps	65.5mpps	95mpps	131mpps	65.47mpps	80.36mpps	101.19mpps	6.6mpps	10.1mpps
Packet Buffer Size	32MB	32MB	32MB	2MB	2MB	2MB	4MB	750KB	750KB	750KB	16KB	64KB
IP Address Table	2K	2K	2K	3K	3K	3K	3K	128	128	128	-	-
MAC Address Table	16K	16K	16K	16K	16K	16K	16K	8K	8K	8K	8K	8K
Max. Jumbo Frame Size	9KBytes	9KBytes	9KBytes	9KBytes	9KBytes	9KBytes	9KBytes	9,216Bytes	9,216Bytes	9,216Bytes	-	-
IP v.4/v.6 Static Routing Table	2K	2K	2K	2K	2K	2K	2K	128	128	128	-	-
IP v.4 Host Table	4K	3K	3K	3K	3K	3K	3K	2K	2K	2K	-	-
IP v.6 Host Table	-	-	-	-	-	-	-	1K	1K	1K	-	-
Power												
Power Supply	AC to DC	AC to DC	AC to DC	AC to DC	AC to DC	AC to DC	AC to DC	AC to DC	AC to DC	AC to DC	AC to DC	AC to DC
Power Consumption (Max.)	24 watts (max.)	24 watts (max.)	24 watts (max.)	90 watts (max.)	90 watts (max.)	140 watts (max.)	143 watts (max.)	70.8 watts (max.)	71.6 watts (max.)	131.34 watts (max.)	23 watts (max.)	40 watts (max.)
Optional Redundant Power Supply	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Power Input	100 to 240VAC, 1A, 50 to 60Hz	100 to 240VAC, 1A, 50 to 60Hz	100 to 240VAC, 1A, 50 to 60Hz	100 to 240VAC, 1A, 50 to 60Hz	100 to 240VAC, 1A, 50 to 60Hz	100 to 240VAC, 1A, 50 to 60Hz	100 to 240VAC, 1A, 50 to 60Hz	100 to 240VAC, 1A, 50 to 60Hz	100 to 240VAC, 1A, 50 to 60Hz	100 to 240VAC, 1A, 50 to 60Hz	100 to 240VAC, 1A, 50 to 60Hz	100 to 240VAC, 1A, 50 to 60Hz
802.3af Power Over Ethernet	-	✓	-	-	-	-	-	-	-	-	-	-
Number of PoE Capable Ports	-	24	-	-	-	-	-	-	-	-	-	-
PoE Auto-Discovery	-	✓	-	-	-	-	-	-	-	-	-	-
PoE Auto-Disable (Per Port)	-	✓	-	-	-	-	-	-	-	-	-	-
PoE Active Circuit Protection	-	✓	-	-	-	-	-	-	-	-	-	-
Diagnostic LED												
Power, Stacking Master, Console, RPS (Per Device)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SIO (Per SIO Stacking Port)	-	-	-	✓	✓	✓	✓	✓	✓	✓	-	-
1000Mbps (Per 10/100/1000BASE-T Port)	✓	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓
Link/Activity (Per Port)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stack ID No.	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
Physical/Environmental												
Dimensions	441x310x44 mm	441x369x44 mm	441x310x44 mm	441x207x44 mm	441x207x44 mm	441x430x44 mm	441x430x44 mm	441x389x44 mm	441x389x44 mm	440x389x44 mm	441x207x44 mm	440x309x44 mm
19-Inch Standard Rack-Mount Width, 1U Height	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Weight (Without Optional Module)	4.24 kg	6.02 kg	4.25 kg	3.15 kg	3.15 kg	6.5 kg	6.41 kg	5.42 kg	5.51 kg	5.74 kg	3.64 kg	4.4 kg
Operating Temperature	0° to 40°C	0° to 40°C	0° to 40°C	0° to 40°C	0° to 40°C	0° to 40°C	0° to 40°C	0° to 40°C	0° to 50°C	0° to 40°C	0° to 40°C	0° to 40°C
Storage Temperature	-10° to 70°C	-10° to 70°C	-10° to 70°C	-25° to 55°C	-25° to 55°C	-25° to 55°C	-25° to 55°C	-10° to 70°C	-10° to 70°C	-10° to 70°C	-40° to 70°C	-40° to 70°C
Humidity (Operating)	5% to 95% NC	5% to 95% NC	5% to 95% NC	5% to 95% NC	5% to 95% NC	5% to 95% NC	5% to 95% NC	10% to 90% NC	10% to 90% NC	10% to 90% NC	5% to 90% NC	5% to 90% NC
EMI	FCC Class A, CE, C-Tick	FCC Class A, CE, C-Tick	FCC Class A, CE, C-Tick	FCC Class A, CE, C-Tick	FCC Class A, CE, C-Tick	FCC Class A, CE, C-Tick	FCC Class A, CE, C-Tick	FCC Class A, CE, C-Tick	FCC Class A, CE, C-Tick	FCC Class A, CE, C-Tick	FCC Class A, CE, C-Tick	FCC Class A, CE, C-Tick
Safety	CSA International	CSA International	CSA International	CSA International	CSA International	CSA International	CSA International	CSA International	CSA International	CSA International	CSA International	CSA International
MTBF	123,027 Hours	168,110 Hours	102,737 Hours	171,528 Hours	156,302 Hours	143,111 Hours	93,994 Hours	93,957 Hours	93,885 Hours	78,517 Hours	53,818 Hours	49,414 Hours

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*Combo with 10/100/1000BASE-T ports. **Combo with SFP slots.
 ***Including DGS-3324SRi Stacking Master. Star stacking requires a DGS-3324SRi Stacking Master.
 ****In the ring stacking scheme, maximum 12 units per stack if only DGS-3324SR, DES-3324SR and DXS-3326GSR (any combination) are used. If DXS-3350SR is included in the stack, maximum number of units per stack will be less than 12. ***** Function available in future.