



L2 PoE Switch Series



Supports Maximum
24 GE PoE Ports and 4
GE SFP+ Uplink Ports



Advanced Hardware
Architecture and
Industry-leading Port
Density



Carrier-Level High
Reliability
Layer-3 Routing
Functions



Varied Service
Characteristics
Versatile IPv6 Solution
Complete Security
Mechanism

WD L2 Pro SERIES IS A NEW GENERATION INTELLIGENT POE ACCESS SWITCH DESIGNED FOR CARRIER'S IP MAN AND ENTERPRISE NETWORKS. BASED ON THE NEW-GENERATION HIGH-PERFORMANCE HARDWARE AND BDROS PLATFORM, IT SUPPORTS FUNCTIONS SUCH AS ACL, QINQ AND QOS. ITS SIMPLE MANGEMENT MODE AND FLEXIBLE INSTALLATION CAN MEET THE REQUIREMENT OF ANY COMPLICATED SCENARIOS;

WATCHDOG POE SERIES HAS 2 MODELS: WD-GS-2210-8P2S, WD-GS-2210-24P4C

PRODUCT SPECIFICATIONS?

ITEM

WD-GS-2210-8P2S

WD-GS-2210-24P4C

INTERFACE		8 GE POE PORTS, 2 100/1000M SFP PORTS	24 GE POE PORTS, 4 GE TX/SFP COMBO PORTS
CONSOLE(RJ45)		1 Rj45 PORT, 1 RST BUTTON	1RJ45 PORT, 1 RST BUTTON
BACKPLANE(GBPS)		20 GBPS	56 GBPS
FORWARDING RATE (MPPS WITH 64 BYTES)		15 MPPS	42 MPPS
CHASSIS	DIMENSIONS (WXDXH)(MM)	280X180X44	440X210X44
	WEIGHT(KG)(EMPTY)	1.6	3
PACKAGE	DIMENSIONS (WXDXH)(MM)	346X289X44	555X295X88
	WEIGHT(KG)	2.4	4.1
POWER CONSUMPTION	NO-LOAD	<7W	<17W
	FULL-LOAD	142.5W	393.5W
POWER SUPPLY	AC:100V-240V, 50-60HZ	150W	400W
	POE POWER BUDGE	130W	370W
TOTAL OUTPUT BTU (1000BTU/H=293W)		511.95	1365.19
FAN NUMBER		/	2
NOISE@25°C(DBA)		0	37.5
MTBF(H)		<50,000	< 50,000
FORWARDING MODE		STOVE-FORWARD	STOVE-FORWARD
FLASH (MB)		16	16
DRAM (MB)		128	128
MAC		8K	16K
BUFFER SIZE(MB)		4.1	4.1
JUMBO FRAME		9K	K
TOTAL SVI		10	10

PRODUCT FEATURES



VLAN

- 4K Active VLAN
- QinQ & Selective QinQ
- GVRP, Private VLAN,
- Voice VLAN

Spanning Tree

- 802.1D (STP)
- 802.1W(RSTP) and 802.1S(MSTP)
- BPDU guard, root guard and loopback guard

Multicast

- IGMP v1/2/3
- IGMP Snooping
- IGMP Fast Leave
- IGMP Filter
- MVR

IP

- Static route
- RIP, OSPF
- 512 routing table
- IPv4/v6 dual stack
- DHCP Server/Client/Relay

QoS

- CAR, HQoS, MAC/IP/TCP/UDP/VLAN/COS/DSCP/TOS based
- QoS, 802.1P/DSCP priority relabeling, SP, WRR, and "SP+WRR",
- Tail-Drop, WRED, flow monitoring and traffic shaping

Security

- Port isolation, Port security, and "IP+MAC+port" binding, MAC Sticky
- DHCP Snooping and option 82, DAI & IP Source guard PPPoE+,
- IEEE 802.1x radius and Tacacs +
- L2/L3/L4 ACL flow identification and filtration Anti-Attack from DDoS, TCPs SYN Flood, UDP Flood, etc.
- Broadcast/multicast/unknown unicast storm-control
- Md5, SHA-256, RSA-1024, AES256, etc.

Reliability

- Static/LACP link aggregation, In terface backup

- EAPS and ERPS

- ISSUWD

Management

- Console, Telnet,SSH v1/2,HTTP, HTTP
- SNMP v1/v2/v3, RMON

- TFTP,FTP,SFTP

- NTP

- ZTP(Zero Touch Provisioning)

- SPAN, RSPAN

Accessories

- Power cord, rackmount kits, console cable, anti-slipping pad

Environment

- Operating temperature/humidity: -10°C-50°C, 10%-90%

- Storage temperature/humidity: -20°C-70°C, 5%-90% non-condensing

Certification

- CE, FCC, ROHS

ORDERING INFORMATION

Item	Description
L3-lite series switch	
WD-GS-2210-8P2S	ETHERNET POE SWITCH WITH 10 GE PORTS (1 CONSOLE PORT, 8 GE POE PORTS, 2100/1000M SFP PORTS , 1 STANDARD AC220V POWER SUPPLY, 150W, FANLESS, 1U, RACK-MOUNTED INSTALLATION)
WD-GS-2210-24P4C	ETHERNET POE SWITCH WITH 28 GE PORT (1 CONSOLE PORT, 24 GE POE PORTS, 4 GE TX/SFP COMBO PORTS, 1 STANDARD AC220V POWER SUPPLY, 400W, THE COOLING FAN, 1U, STANDARD 19-INCH RACK-MOUNTED INSTALLATION)



OPTICAL MODULES

100M Optical ModulesWD

WDSFP+SX-1310	100M SFP multi-mode (2km, 1310nm, LC, COM)
WDSFP+LX-15	100M SFP single-mode (15km, 1310nm, LC, COM)
WDSFP+LX-40	100M SFP single-mode (40km, 1310nm, LC, COM)
WDSFP+LX-80	100M SFP single-mode (80km, 1310nm, LC, COM)
WDSFP+LX-SM1310-20-BIDI	100M SFP single-mode, single fiber (20km, TX1310/RX1550, LC, COM)
WDSFP+LX-SM1550-20-BIDI	100M SFP single-mode, single fiber (20km, TX1310/RX1550, LC, COM)
WDSFP+LX-SM1310-40-BIDI	100M SFP single-mode, single fiber (40km, TX1310/RX1550, LC, COM)
WDSFP+LX-SM1550-40-BIDI	100M SFP single-mode, single fiber (40km, TX1310/RX1550, LC, COM)
WDSFP+LX-SM1310-80-BIDI	100M SFP single-mode, single fiber (80km, TX1310/RX1550, LC, COM)
WDSFP+LX-SM1550-80-BIDI	100M SFP single-mode, single fiber (80km, TX1310/RX1550, LC, COM)

GE Optical Modules

WDSFP-TX-B	GE SFP-to-RJ45 module
WDSFP-SX-D	GE SFP multi-mode (500m, 850nm, LC, DDM)
WDSFP-LX-10-D	GE SFP single-mode (10Km, 1310nm, LC, DDM)
WDSFP-LX-20-D	GE SFP single-mode (40Km, 1310nm, LC, DDM)
WDSFP-LX-40-D	GE SFP single-mode (40Km, 1310nm, LC, DDM)
WDSFP-ZX-80-D	GE SFP single-mode (80Km, 1550nm, LC, DDM)
WDSFP-ZX-120-D	GE SFP single- mode (120Km, 1550nm, LC, DDM)
WDSFP-LX-SM1310-10-BIDI	GE SFP single-mode, single fiber (10Km, TX1310/RX1550, LC, DDM)
WDSFP-LX-SM1550-10-BIDI	GE SFP single-mode, single fiber (10Km, TX1550/RX1310, LC, DDM)
WDSFP-LX-SM1310-20-BIDI	GE SFP single-mode, single fiber (20Km, TX1310/RX1550, LC, DDM)
WDSFP-LX-SM1550-20-BIDI	GE SFP single-mode, single fiber (20Km, TX1550/RX1310, LC, DDM)
WDSFP-LX-SM1310-40-BIDI	GE SFP single-mode, single fiber (40Km, TX1310/RX1550, LC, DDM)
WDSFP-LX-SM1550-40-BIDI	GE SFP single-mode, single fiber (40Km, TX1550/RX1310, LC, DDM)
WDSFP-LX-SM1490-80-BIDI	GE SFP single-mode, single fiber (80Km, TX1490/RX1550, LC, DDM)
WDSFP-LX-SM1550-80-BIDI	GE SFP single-mode, single fiber (80Km, TX1550/RX1490, LC, DDM)
WDSFP-LX-SM1490-120	GE SFP single-mode, single fiber (120Km, TX1490/RX1550, LC, DDM)
WDSFP-LX-SM1550-120	GE SFP single-mode, single fiber (120Km, TX1550/RX1490, LC, DDM)