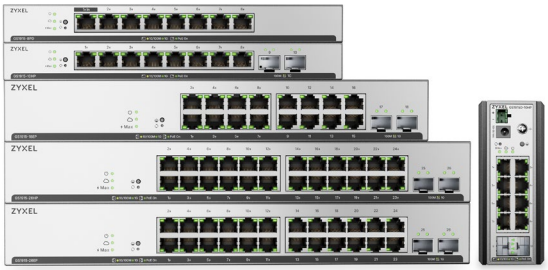


GS1915v2 Series

8/10/18/26-port GbE Smart Managed Switch

The Zyxel GS1915v2 Series features nine Gigabit Smart Managed Switches ranging from 8 to 26 ports, designed for SMBs, retail, hospitality, and light-industrial environments. Featuring NebulaFlex, the series allows you to choose between Nebula cloud management and intuitive standalone web management. Built for diverse deployment scenarios, the portfolio includes fanless desktop and wall-mount models, smart-fan rack-mount switches, and a rugged DIN-rail switch with dual AC/DC power redundancy. PoE+ models offer power budgets from 60W to 180W, delivering reliable power and connectivity for a wide range of business applications.

- An affordable cloud switch with plug-and-play simplicity
- Multiple port options, including SFP ports, to fit a variety of SB/SMB applications
- Flexible PoE options with 60W to 180W power budgets across 8-, 10-, 18- and 26-port models
- Selectable cloud or standalone management with a user-friendly setup wizard
- Compact and near-silent design is ideal for any working environment

Benefits

Affordable cloud-managed switching

The new GS1915v2 Series supports Nebula cloud management, enabling easy deployment, real-time configuration, and anytime, anywhere access to your network devices through a unified cloud management platform. With plug-and-play simplicity, the series combines essential business features with reliable performance for fast and effortless setup. It is an affordable cloud-managed switching solution designed for small businesses and SMBs.

nebula

Zyxel one network
Redefining network integration

Power more devices with greater flexibility

Easily power and connect your business with six PoE models featuring flexible power budgets from 60W to 180W and up to 30W PoE+ per port. Continuous PoE ensures critical devices stay online during switch reboots, reducing downtime and keeping operations running smoothly. Whether deploying WiFi, surveillance, or VoIP, these switches provide reliable performance, simplified installation, and the flexibility to support your business as it grows.

Web-managed with advanced features

Prefer managing your network locally? The GS1915v2 Series offers an intuitive standalone management experience through its built-in web interface. Easily configure advanced features such as VLAN, QoS, IGMP Snooping, Link Aggregation, IPv6, and DoS prevention with a guided step-by-step setup wizard. By simplifying deployment and reducing configuration time, the series helps businesses get connected faster while maintaining full visibility and control of their network.

Compact design, silent operation

The GS1915v2 Series comes with space-saving design, and built with fanless, or smart fan (GS1915-18EPv2/26EPv2/26HPv2). These compact and near-silent switches can perfectly blend into any workspace without compromising performance.

Model List

GS1915-8PDv2

8-port GbE PoE Powered Smart Managed Switch

- 7 x GbE PoE RJ-45 ports
- 1 x GbE RJ-45 PoE in port
- PoE power budget:
  - 80W when powered by external power adapter
  - 60W when powered by IEEE 802.3bt type 4 (90W)
  - 40W when powered by IEEE 802.3bt type 3 (60W)
  - 17W when powered by IEEE 802.3at

GS1915-10v2

8-port GbE Smart Managed Switch with 2 GbE Uplink

- 8 x GbE RJ-45 ports
- 2 x GbE SFP ports

GS1915-10HPv2

8-port GbE PoE Smart Managed Switch with 2 GbE Uplink

- 8 x GbE PoE RJ-45 ports
- 2 x GbE SFP ports
- PoE power budget: 80W

GS1915D-10HPv2

8-port GbE PoE DIN-Rail Smart Managed Switch with 2 GbE Uplink

- 8 x GbE PoE RJ-45 ports
- 2 x GbE SFP ports
- PoE power budget: 140W (external DC power source)

GS1915-18v2

16-port GbE Smart Managed Switch with 2 GbE Uplink

- 16 x GbE RJ-45 ports
- 2 x GbE SFP ports

GS1915-18EPv2

16-port GbE PoE Smart Managed Switch with 2 GbE Uplink

- 8 x GbE PoE RJ-45 ports
- 8 x GbE RJ-45 ports
- 2 x GbE SFP ports
- PoE power budget: 130W

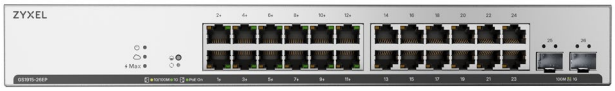
GS1915-26v2

24-port GbE Smart Managed Switch with 2 GbE Uplink

- 24 x GbE RJ-45 ports
- 2 x GbE SFP ports

GS1915-26EPv2

24-port GbE PoE Smart Managed Switch with 2 GbE Uplink (130W)



- 12 x GbE PoE RJ-45 ports
- 12 x GbE RJ-45 ports
- 2 x GbE SFP ports
- PoE power budget: 130W

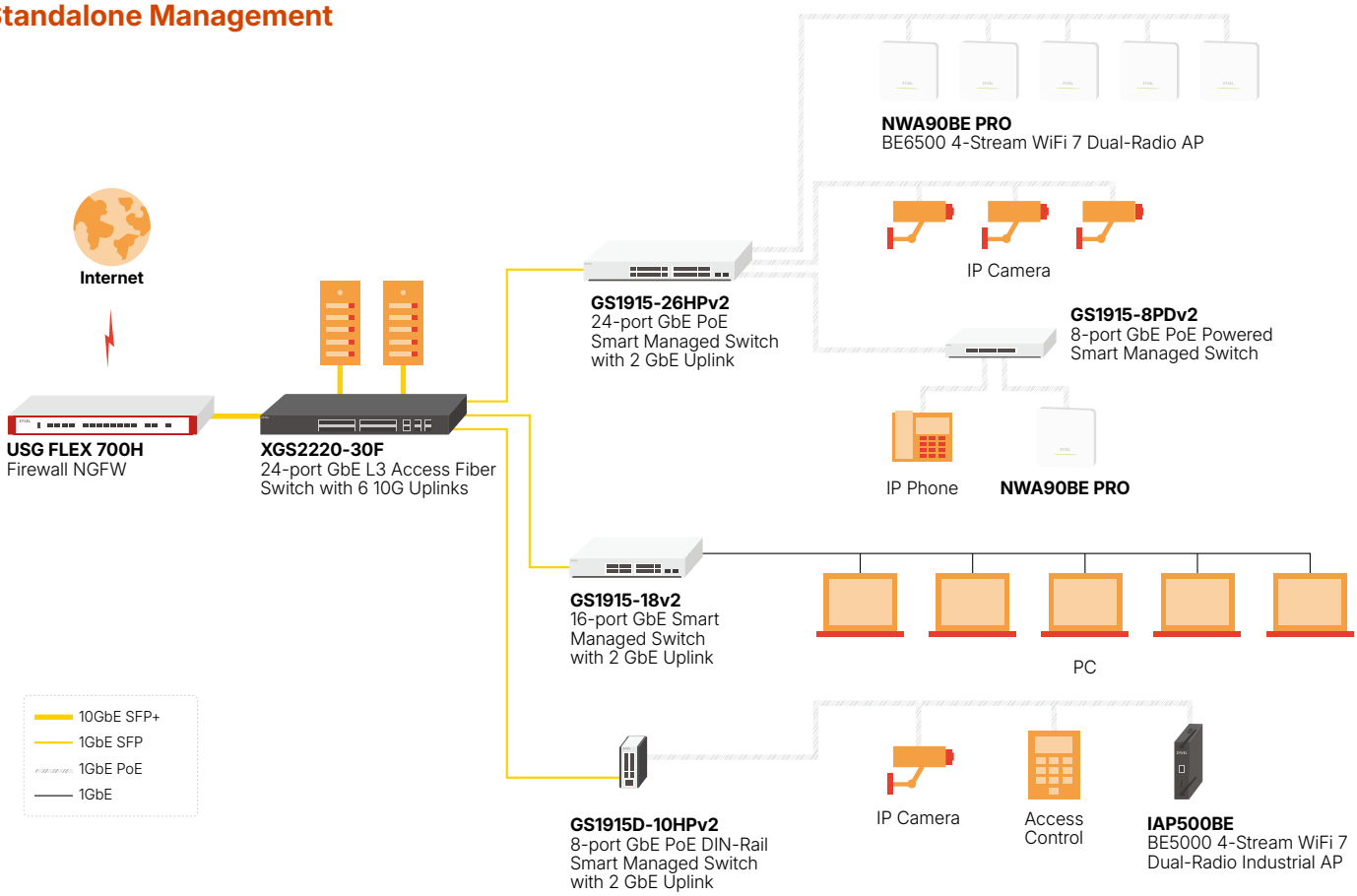
GS1915-26HPv2

24-port GbE PoE Smart Managed Switch with 2 GbE Uplink (180W)

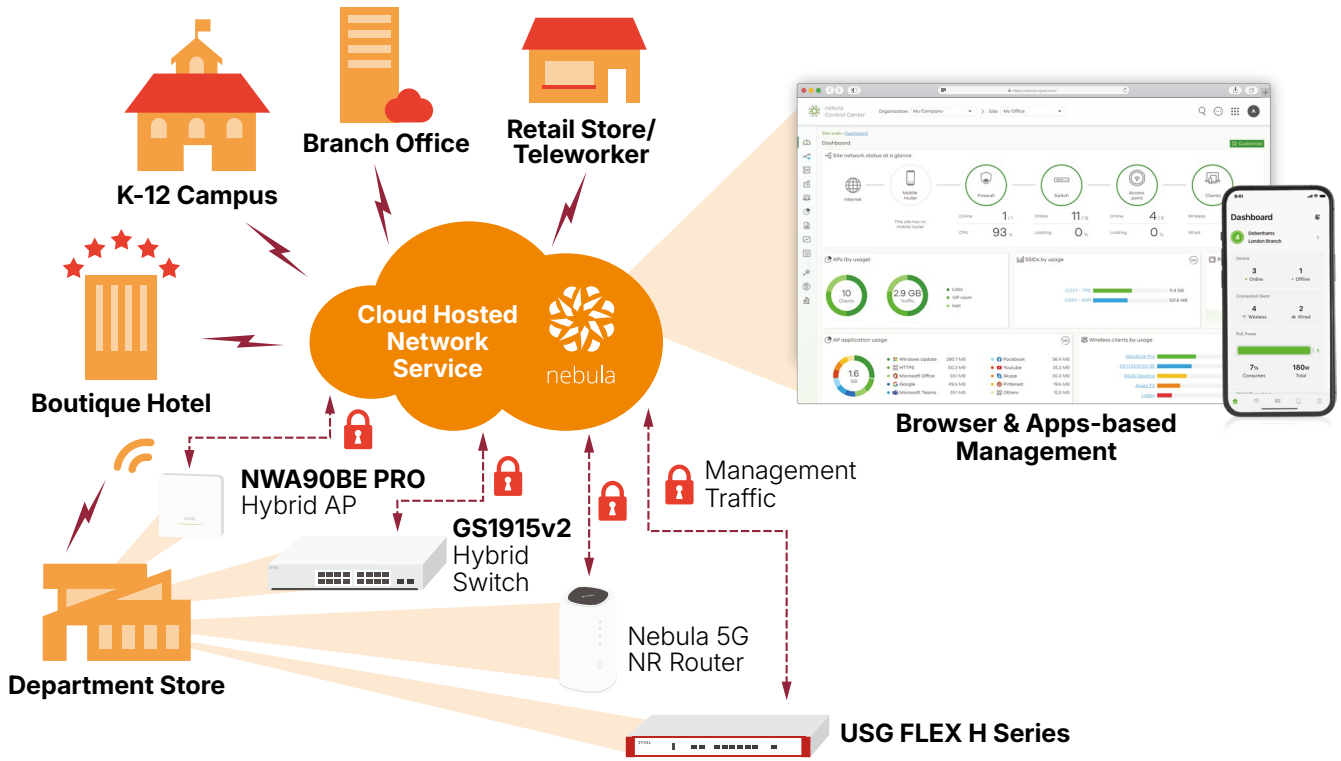
- 24 x GbE PoE RJ-45 ports
- 2 x GbE SFP ports
- PoE power budget: 180W

Application Diagram

Standalone Management



Nebula Cloud Management



Specifications

Model		GS1915-8PDv2	GS1915-10v2	GS1915-10HPv2	GS1915D-10HPv2
Product name		8-port GbE PoE Powered Smart Managed Switch	8-port GbE Smart Managed Switch with 2 GbE Uplink	8-port GbE PoE Smart Managed Switch with 2 GbE Uplink	8-port GbE PoE DIN-Rail Smart Managed Switch with 2 GbE Uplink
Switch class		Smart Managed	Smart Managed	Smart Managed	Smart Managed
Port Density					
Total port count		8	10	10	10
100M/1G Ethernet (RJ-45)		8	8	8	8
Gigabit SFP		-	2	2	2
PoE					
PoE ports		7	-	8	8
Total PoE budget (watts)		80 @ external power adapter 60 @ IEEE 802.3bt type 4 40 @ IEEE 802.3bt type 3 17 @ IEEE 802.3at	-	80	140
IEEE 802.3at PoE+		Port 2-8	-	Port 1-8	Port 1-8
Performance					
Switching capacity (Gbps)		16	20	20	20
Forwarding rate (Mpps)		11.9	14.8	14.8	14.8
Packet buffer (byte)		1MB	1MB	1MB	1MB
MAC address table		16K	16K	16K	16K
Jumbo frame (byte)		9KB	9KB	9KB	9KB
Flash/RAM		64MB/512MB	64MB/512MB	64MB/512MB	64MB/512MB
Power					
Input		PoE or 54V,1.67A external power supply	12V,1A external power supply	54V,1.67A external power supply	• 54V,2.78A external power supply • 50V~56V DC, 3A for 2 pin DC input
Min. power consumption (watts) Without any port connection		4.8	4	4.13	4.3
Max. power consumption (watts) All ports full load without PoE		6.4	6.3	7.3	7.5
Max. power consumption (watts) All ports full load with PoE		85	-	87.5	147
Physical Specifications					
Item	**Dimensions (WxDxH)(mm/in.)**	240 × 105 × 27 / 9.45 x 4.13 × 1.06	193 × 84 × 26 / 7.6 x 3.31 × 1.02	240 × 105 × 27 / 9.45 x 4.13 × 1.06	127 × 101 × 51 / 5 x 3.98 × 2.01
	Weight (kg/lb.)	0.6 / 1.32	0.4 / 0.88	0.6 / 1.32	0.8 / 1.76
Packing	**Dimensions (WxDxH)(mm/in.)**	280 × 122 × 33 / 11.02 × 4.8 × 1.3	210 × 106 × 84 / 8.27 x 4.17 × 3.31	260 × 127 × 82 / 10.24 × 5 × 3.23	218 × 177 × 56 / 8.58 x 6.97 × 2.2
	Weight (kg/lb.)	0.7 / 1.54	0.7 / 1.54	1.3 / 2.87	0.9 / 1.98
Included accessories		• Wall mount kit	• Power cord • Wall mount kit	• Power cord • Wall mount kit	• Wall mount kit • DIN-rail mounting kit

Model		GS1915-8PDv2	GS1915-10v2	GS1915-10HPv2	GS1915D-10HPv2
ESD/Surge Protections					
Ethernet port surge protection		4KV	4KV	4KV	4KV
Power supply surge protection	**Line-GND**	4KV	2KV	4KV	4KV
	Line-Line	2KV	1KV	2KV	2KV
ESD protection (air/contact)		8KV/6KV	15KV/8KV	8KV/6KV	8KV/6KV
Environmental Specifications					
Operating	**Temperature**	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F	-20°C to 50°C / -4°F to 122°F
	Humidity	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)
Storage	**Temperature**	-40°C to 70°C/ -40°F to 158°F	-40°C to 70°C/ -40°F to 158°F	-40°C to 70°C/ -40°F to 158°F	-40°C to 70°C/ -40°F to 158°F
	Humidity	5% to 95% (non-condensing)	5% to 95% (non-condensing)	5% to 95% (non-condensing)	5% to 95% (non-condensing)
MTBF (hr @ 25°C)		1,095,120	831,785	1,047,938	292,188
Heat dissipation (BTU/hr)		21.8	21.5	25	25.6
Acoustic noise @ 25°C (min/max, dBA)		Fanless, 0	Fanless, 0	Fanless, 0	Fanless, 0

Model	GS1915-18v2	GS1915-18EPv2	GS1915-26v2	GS1915-26EPv2	GS1915-26HPv2
Product name	16-port GbE Smart Managed Switch with 2 GbE Uplink	16-port GbE PoE Smart Managed Switch with 2 GbE Uplink	24-port GbE Smart Managed Switch with 2 GbE Uplink	24-port GbE PoE Smart Managed Switch with 2 GbE Uplink	24-port GbE PoE Smart Managed Switch with 2 GbE Uplink
Switch class	Smart Managed	Smart Managed	Smart Managed	Smart Managed	Smart Managed
Port Density					
Total port count	18	18	26	26	26
100M/1G Ethernet (RJ-45)	16	16	24	24	24
Gigabit SFP	2	2	2	2	2
PoE					
PoE ports	-	8	-	12	24
Total PoE budget (watts)	-	130	-	130	180
IEEE 802.3at PoE+	-	Port 1-8	-	Port 1-12	Port 1-24
Performance					
Switching capacity (Gbps)	36	36	52	52	52
Forwarding rate (Mpps)	26.7	26.7	38.6	38.6	38.6
Packet buffer (byte)	1MB	1MB	1MB	1MB	1MB
MAC address table	16K	16K	16K	16K	16K
Jumbo frame (byte)	9KB	9KB	9KB	9KB	9KB
Flash/RAM	64MB/512MB	64MB/512MB	64MB/512MB	64MB/512MB	64MB/512MB

Model		GS1915-18v2	GS1915-18EPv2	GS1915-26v2	GS1915-26EPv2	GS1915-26HPv2
Power						
Input		100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz
Min. power consumption (watts) Without any port connection		5.2	11	6.4	12.3	12.3
Max. power consumption (watts) All ports full load without PoE		10.7	13.6	14.2	18.7	19
Max. power consumption (watts) All ports full load with PoE		-	151	-	161	221
Physical Specifications						
Item	**Dimensions (WxDxH)(mm/in.)**	280 × 126 × 44 / 11.02 × 4.96 x 1.73	300 × 165 × 44 / 11.81 × 6.5 × 1.73	300 × 165 × 44 / 11.81 × 6.5 × 1.73	330 × 230 x 44/12.99 × 9.06 x 1.73	330 × 230 x 44/12.99 × 9.06 x 1.73
	Weight (kg/lb.)	1.0 / 2.2	1.5 / 3.31	1.3 / 2.87	2.0 / 4.41	2.0 / 4.41
Packing	**Dimensions (WxDxH)(mm/in.)**	333 × 254 x 61.5 / 13.11 × 10 x 2.42	364 × 290 × 61.5 / 14.33 × 11.42 x 2.42	364 × 290 × 61.5 / 14.33 × 11.42 x 2.42	390 × 350 × 66 / 15.35 × 13.78 x 2.6	390 × 350 × 66 / 15.35 × 13.78 x 2.6
	Weight (kg/lb.)	1.7 / 3.75	2.3 / 5.07	2.1 / 4.63	3.0 / 6.61	3.0 / 6.61
Included accessories		• Power cord • Wall mount kit • Rack mounting kit	• Power cord • Wall mount kit • Rack mounting kit	• Power cord • Wall mount kit • Rack mounting kit	• Power cord • Rack mounting kit	• Power cord • Rack mounting kit
ESD/Surge Protections						
Ethernet port surge protection		4KV	4KV	4KV	4KV	4KV
Power supply surge protection	**Line-GND**	2KV	4KV	2KV	4KV	4KV
	Line-Line	1KV	4KV	1KV	4KV	4KV
ESD protection (air/contact)		8KV/6KV	8KV/6KV	8KV/6KV	8KV/6KV	8KV/6KV
Environmental Specifications						
Operating	**Temperature**	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F
	Humidity	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)
Storage	**Temperature**	-40°C to 70°C/ -40°F to 158°F	-40°C to 70°C/ -40°F to 158°F	-40°C to 70°C/ -40°F to 158°F	-40°C to 70°C/ -40°F to 158°F	-40°C to 70°C/ -40°F to 158°F
	Humidity	5% to 95%(non-condensing)	5% to 95% (non-condensing)	5% to 95% (non-condensing)	5% to 95% (non-condensing)	5% to 95% (non-condensing)
MTBF (hr @ 25°C)		1,506,385	708,090	1,262,790	651,099	632,105
Heat dissipation (BTU/hr)		36.5	46.4	48.5	64	65
Acoustic noise @ 25°C (min/max, dBA)		Fanless, 0	20.1/49.7	Fanless, 0	22.5/49.5	19.9/49.4

Software Features	

L2 Features	• MAC Address Table: 16 K entries
	• Static MAC Forwarding
	• Static MAC Filter
	• MAC Aging Time
	• MAC Freeze
	• IEEE 802.3x Flow Control
	• Jumbo Frames up to 9 KB
	• IEEE 802.3ad Link Aggregation (LACP)*
	  ▪ GS1915-8PD: 4 groups / 8 links
	  ▪ GS1915-10/-10HP/D-10HP: 5 groups / 8 links
	  ▪ GS1915-18/-18EP/-26/-26EP/-26HP: 8 groups / 8 links
	• Static Link Aggregation*
	• LAG Load Balancing Algorithm
	• Spanning Tree Protocols:
	  ▪ IEEE 802.1D STP*
	  ▪ IEEE 802.1w RSTP*
	  ▪ IEEE 802.1s MSTP
	• Loop Guard*
	• Port Mirroring (1 session)*
	• LLDP / LLDP-MED*
	• ARP Learning (Reply / G-ARP / Request)

VLAN	• IEEE 802.1Q Tagged VLAN • VLAN Groups: 1K static VLAN IDs • Port-based VLAN • Protocol-based VLAN (via ACL) • MAC-based VLAN (up to 50) • Vendor-ID VLAN (up to 8)* • Voice VLAN (up to 10)* • Guest VLAN* • VLAN Trunking*
L2 Multicast	• IGMP Snooping v1 / v2 / v3* • Per-VLAN IGMP Snooping • IGMP Querier • Unknown Multicast Drop • IGMP Proxy • IGMP Normal Leave / Immediate Leave • IGMP Throttling • IGMP Group Limit per Port • Static Multicast Forwarding • Max Multicast Groups: 1024
IP Interface	• IPv4 Interfaces: up to 16 • IPv6 Interfaces: up to 16 • DHCP Relay IPv4: up to 16 interfaces* • DHCP Relay IPv6: up to 16 interfaces • DHCP Option 82*
Quality of Service (QoS)	• 8 Hardware Queues per port • IEEE 802.1p Class of Service* • DSCP (Diffserv) • Queue Method: SPQ / WFQ / WRR / Hybrid-SPQ • DSCP to IEEE 802.1P Mapping • Bandwidth Control (ingress/egress)* • Storm Control (Broadcast / Multicast / Unknown Unicast)* • IEEE 802.3x Flow Control
Access Control List (ACL)	• L2 / L3 / L4 ACL* • ACL Entries: 128 IPv4* / 64 IPv6 • Permit / Drop action • Redirect / Mirror • Bandwidth / Remark • Time-based ACL

Software Features	
Security	• Port Security* • VLAN Ingress Check* • Port Isolation* • DHCP Snooping (IPv4) • Service Access Control* • Remote Management (IPv4* / IPv6) • Password Complexity • Password Encryption • User IP Lockout • CPU Protection • ErrDisable Detect / Recovery*
AAA	• IEEE 802.1X Port-based Authentication* • Dynamic VLAN Assignment (IEEE 802.1X)* • Guest VLAN* • Privilege Level for Management Access • Login Authentication • Authentication / Authorization / Accounting via RADIUS • Authentication / Authorization / Accounting via TACACS+
PoE Management (PoE Models)	• IEEE 802.3af / IEEE 802.3at (PoE+) compliant* • Standard / Compatible Mode* • Time-based PoE (scheduled PoE on/off)* • Continuous PoE (no PoE interruption during system reboot) • LLDP Power via MDI (negotiated power delivery) • PoE Neighbor Discovery
L1 Service	• DDMI (SFP Diagnostic Monitoring) — all models except GS1915-8PDv2* • Cable Diagnostics* • SFP Detect
Management	• NebulaFlex* • Web-based GUI (IPv4 / IPv6) • Initial Wizard Configuration • Locator LED* • HTTPS (SSL/TLS 1.2) • HTTPS CA Certificate Import • SSHv2 Server / Client* • SSH Public Key Authentication • SSH Host Key • SSH Remote Command Execution • Telnet Server / Client • FTP / SFTP • SNMP v1 / v2c / v3* • SNMP Trap • Domain Name Server (DNS) • RMON 1, 2, 3, 9 • Syslog* • Custom Syslog UDP Port • DHCP Client* • NTP with Daylight Saving • Dual Firmware Images • Dual Configuration File • Last-Custom-Default • Time Range Profiles: up to 128 • Web Guest Account • Firmware Integrity Check with SHA-256 Verification • Privilege Levels

Software Features	
IPv6 Management	• IPv6 over Ethernet (RFC 2464) • IPv6 Addressing Architecture (RFC 4291) • Dual Stack (RFC 4213) • ICMPv6 (RFC 4884) • Path MTU (RFC 1981) • Neighbor Discovery (RFC 4861)
Cloud & Ecosystem	• Nebula Cloud Management (NebulaFlex)* • Zyxel One Network ▪ ZON Utility* ◆ Discovery of Zyxel switches, APs and gateways ◆ Centralized and batch configurations: ◦ IP configuration ◦ IP renew ◦ Device factory reset ◦ Device reboot ◦ Device locating ◦ Web GUI access ◦ Password configuration ◦ One-click quick association with Zyxel AP Configurator (ZAC) ◆ Automatic detection of the latest firmware ◆ Displays device serial number and hardware version ◆ Cloud mode on/off option for Hybrid series devices ◆ Intuitive Cloud connection status ▪ Smart Connect ◆ Discover neighboring devices ◆ One-click remote management access to the neighboring Zyxel devices ◆ Reset neighboring devices remotely to factory defaults • Cluster Management
Green Features	• IEEE 802.3az Energy-Efficient Ethernet (EEE) • Time-based PoE (PoE models)* • LED Control
Standards Compliance	• IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3z 1000BASE-X • IEEE 802.3x Flow Control • IEEE 802.3af, IEEE 802.3at PoE+ (PoE models) • IEEE 802.3az Energy-Efficient Ethernet • IEEE 802.1Q VLAN, IEEE 802.1p CoS, IEEE 802.1D STP, IEEE 802.1w RSTP, IEEE 802.1s MSTP • IEEE 802.1X Port-based Network Access Control • IEEE 802.3ad Link Aggregation (LACP) • IEEE 802.1AB LLDP / LLDP-MED
MIB	• Zyxel Private MIB • Zyxel Common MIB • RFC 1066 TCP/IP-based MIB • RFC 1213, 1157 SNMPv2c/v3 MIB • RFC 1493 bridge MIB • RFC 1643 Ethernet MIB • RFC 1757 RMON group 1, 2, 3, 9 • RFC 2011, 2012, 2013 SNMPv2 MIB • RFC 2233 SMIv2 MIB • RFC 2358 Ethernet-like MIB • RFC 2674 bridge MIB extension • RFC 2819, 2925 remote management MIB • RFC 3621 Power Ethernet MIB • RFC 4022 management information base for transmission control protocol • RFC 4113 management information base for user datagram protocol • RFC 4292 IP forwarding table MIB • RFC 4293 management information base (MIB) for IP

Software Features	
Certifications	• EMC: CE, FCC, RCM, BSMI (Class A) • Safety: LVD EN 62368-1, BSMI CNS 14336-1, CB • Environmental: RoHS

*Nebula Cloud and Standalone modes supported features. Some Nebula features may need an extra license to work. For more details on the features and licenses, check Nebula Licensing Table.

Accessories

Transceivers (Optional)

Model	Speed	Connector	Wavelength	Max. Distance	DDMI
SFP-1000T	Gigabit	RJ-45	-	0.1 km (109 yd)	-
SFP-SX-D	Gigabit	Duplex LC	850 nm	0.55 km (601 yd)	Yes
SFP-SX-E	Gigabit	Duplex LC	850 nm	0.55 km (601 yd)	Yes
SFP-LX-10-D	Gigabit	Duplex LC	1310 nm	10 km (10936 yd)	Yes
SFP-LX-10-E	Gigabit	Duplex LC	1310 nm	10 km (10936 yd)	Yes
SFP-BX1310-E	Gigabit	Single LC	1310 nm (Tx); 1550 nm (Rx)	20 km (21872 yd)	Yes
SFP-BX1550-E	Gigabit	Single LC	1550 nm (Tx); 1310 nm (Rx)	20 km (21872 yd)	Yes

Ordering Information

Model	Part Number	EAN
GS1915-8PDv2	GS1915-8PDV2-ZZ0101F	4718937655212
GS1915-10v2	GS1915-10V2-EU0101F	4718937655090
GS1915-10HPv2	GS191510HPV2-EU0101F	4718937655236
GS1915D-10HPv2	GS1915D10PV2-ZZ0101F	4718937657117
GS1915-18v2	GS1915-18V2-EU0101F	4718937655137
	GS1915-18V2-US0101F	4718937655151
GS1915-18EPv2	GS191518EPV2-EU0101F	4718937655274
	GS191518EPV2-US0101F	4718937655298
GS1915-26v2	GS1915-26V2-EU0101F	4718937655175
	GS1915-26V2-US0101F	4718937655199
GS1915-26EPv2	GS191526EPV2-EU0101F	4718937655311
	GS191526EPV2-US0101F	4718937655335
GS1915-26HPv2	GS191526HPV2-EU0101F	4718937655359
	GS191526HPV2-US0101F	4718937655373

For more product information, visit us on the web at www.zyxel.com

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