



A Robust, Intelligent Layer 2 Ethernet Switch for Small Workgroups

- 5.6Gbps Non-Blocking Switching Architecture
- iStacking™ Clustering Technology, One IP Management for 24 Devices
- iManage™ Easy Management Tools (GUI, CLI & Text-based Configuration for Scripting)
- 802.1x Port-based Authentication for Central Management
- Port-based and 802.1Q Tagged VLAN (4K PVID)
- MAC Filtering, MAC Freeze, Intrusion Lock and Specific MAC Forwarding



8-port Managed Layer 2 Fast Ethernet Switch

ES-2108
SERIES

Benefits

Powerful Compact Design for Small Workgroup Environment

The ES-2108 Managed Layer 2 Fast Ethernet Switch Series is designed for small workgroup environment. Thanks to its compact 8-port design and selections of uplink options (1000Base-T, SFP, 100FX), the ES-2108 Series offers functionality and connectivity that best fit small-workgroup needs. In addition, the wall-mountable design adds flexibility of deployment.

The ES-2108 Series comes in four models: ES-2108, ES-2108-G, ES-2108-LC and ES-2108PWR. All switches come with a non-blocking 5.6 Gbps switching architecture for wire-speed transmission. The ES-2108 has 8 10/100Base-T ports without the uplink interface. The ES-2108-G comes with one dual personality Gigabit uplink port. The ES-2108-LC comes with independent uplink interface of one 100FX port and one SFP slot to ease deployment of fiber connectivity with future-proof hardware. In addition to having all the features in ES-2108-G, ES-2108PWR includes the PoE (Power over Ethernet) to supply power to devices connected to the 8 10/100Base-T ports simultaneously.

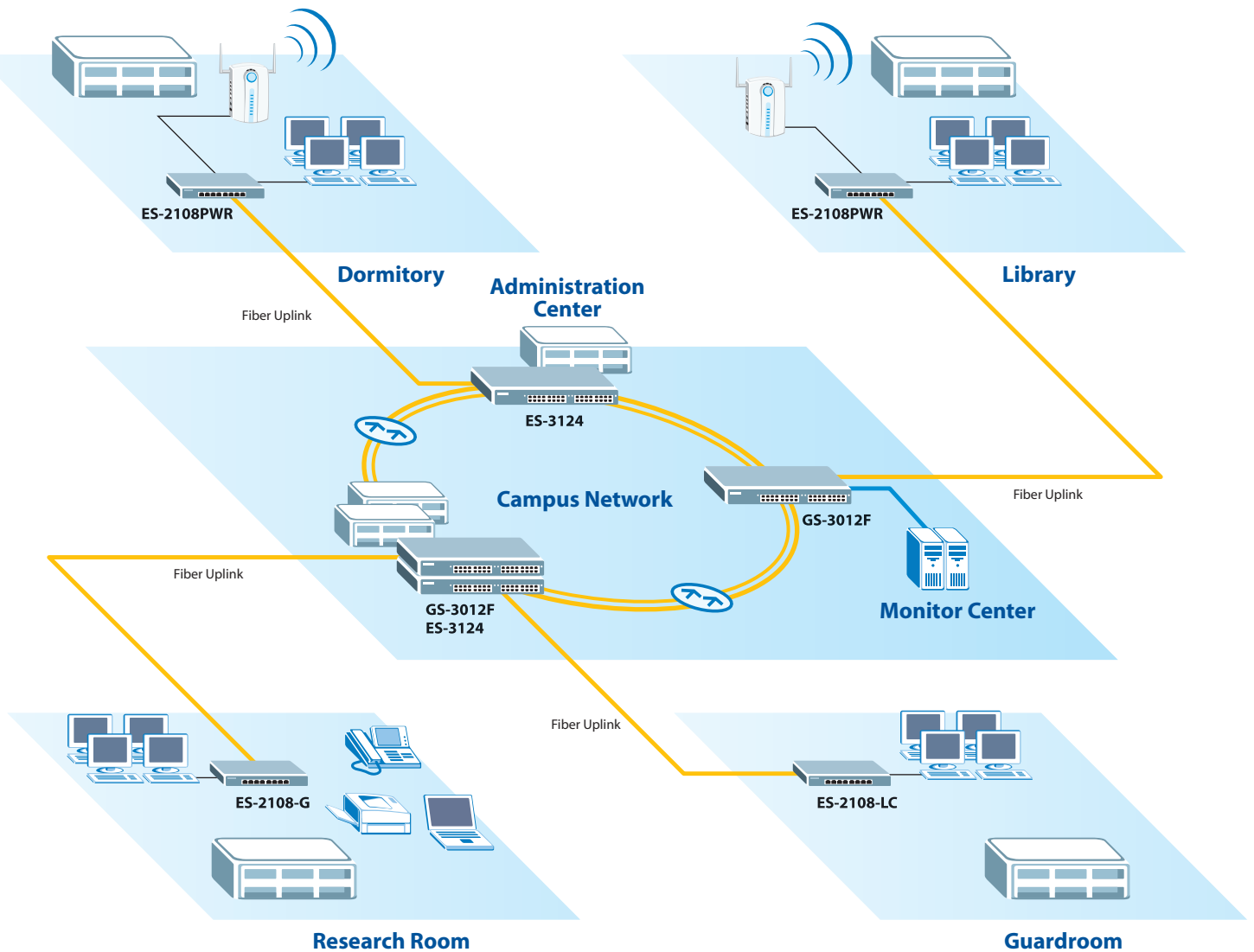
Excellent Network Management Capability

The ZyXEL ES-2108 Series includes rich management tools to streamline your management effort. With ZyXEL's exclusive iStacking™ technology, you can manage up to 24 ZyXEL switches through one IP address. In addition, through iManage™ that includes Web-GUI, CLI (Command Line Interface) and text-based configuration, network managers can select the one management interface they are most comfortable with and get the job done efficiently. Moreover, you can protect your management session with SSHv1/v2 authentication and SSL encryption features. With its comprehensive features, ZyXEL's ES-2108 Series is your first choice for cost-effective networking.

Security on the Network Edge

Support of IEEE 802.1x authentication allows centralized user management and added security protection. The ES-2108 Series comes with complete VLAN functions (IEEE 802.1Q VLAN tagging and port-based VLAN) to secure your network. With 4K PVID, you have complete freedom in VLAN management. The ES-2108 Series also includes device-aware security features (MAC address, like MAC filtering, MAC freezing and MAC forwarding) to effectively prevent access of unidentified devices. All these features offer extra protection on the network edge.

Application Diagram



Operational Information

Transceiver (Optional)

Model Name	Optical Receiver Sensitivity	Wavelength	Connector	Transmission Distance vs. Fiber Cable Specification			Operational Ranges	
				62.5um Multi-Mode Fiber	50um Multi-Mode Fiber	9/10um Single-Mode Fiber	Supply Voltage	Max Current
SFP-SX	-17 dBm	850 nm	LC	220 m	550 m	-	3.15 ~ 3.45 V	300 mA
SFP-LX-10	-20 dBm	1310 nm	LC	550 m	550 m	10 km	3.15 ~ 3.45 V	300 mA
SFP-LHX1310-40	-23 dBm	1310 nm	LC	-	-	40 km	3.15 ~ 3.45 V	300 mA
SFP-ZX-80	-24 dBm	1550 nm	LC	-	-	80 km	3.15 ~ 3.45 V	300 mA

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

Corporate Headquarters
ZyXEL Communications Corp.
Tel: +886-3-578-3942
Fax: +886-3-578-2439
Email: sales@zyxel.com.tw
<http://www.zyxel.com>

ZyXEL Denmark A/S
Tel: +45 39 55 07 00
Fax: +45 39 55 07 07
Email: sales@zyxel.dk
<http://www.zyxel.dk>

ZyXEL France SARL
Tel: +33 (0)4 72 52 97 97
Fax: +33 (0)4 72 52 19 20
Email: info@zyxel.fr
<http://www.zyxel.fr>

ZyXEL Hungary
Tel: +36-1-336-1646
Fax: +36-1-325-9100
Email: info@zyxel.hu
<http://www.zyxel.hu>

ZyXEL North America
Tel: +1-714-632-0882
Fax: +1-714-632-0858
Email: sales@zyxel.com
<http://www.us.zyxel.com>

ZyXEL Poland
Tel: +48 (22) 333 8250
Fax: +48 (22) 333 8251
Email: info@pl.zyxel.com
<http://www.pl.zyxel.com>

ZyXEL Spain
Tel: +34 902 195 420
Fax: +34 913 005 345
Email: sales@zyxel.es
<http://www.zyxel.es>

ZyXEL UK Ltd.
Tel: +44 (0) 1344 303044
Fax: +44 (0) 1344 303034
Email: sales@zyxel.co.uk
<http://www.zyxel.co.uk>

ZyXEL Czech s.r.o.
Tel: +420 241 091 350
Fax: +420 241 091 359
Email: info@zyxel.cz
<http://www.zyxel.cz>

ZyXEL Finland Oy
Tel: +358-9-4780 8400
Fax: +358-9-4780 8448
Email: sales@zyxel.fi
<http://www.zyxel.fi>

ZyXEL Germany GmbH.
Tel: +49 (0) 2405-6909 0
Fax: +49 (0) 2405-6909 99
Email: sales@zyxel.de
<http://www.zyxel.de>

ZyXEL Kazakhstan
Tel: +7-327-2-590-699
Fax: +7-327-2-590-689
Email: sales@zyxel.kz
<http://www.zyxel.kz>

ZyXEL Norway A/S
Tel: +47 22 80 61 80
Fax: +47 22 80 61 81
Email: sales@zyxel.no
<http://www.zyxel.no>

ZyXEL Russia
Tel: +7 (095) 542-8920
Fax: +7 (095) 542-8925
Email: info@zyxel.ru
<http://www.zyxel.ru>

ZyXEL Sweden A/S
Tel: +46 (0) 31 744 77 00
Fax: +46 (0) 31 744 77 01
Email: sales@zyxel.se
<http://www.zyxel.se>

ZyXEL Ukraine
Tel: +380 44 494 49 31
Fax: +380 44 494 49 32
Email: sales@ua.zyxel.com
<http://www.ua.zyxel.com>

