Switching Hub

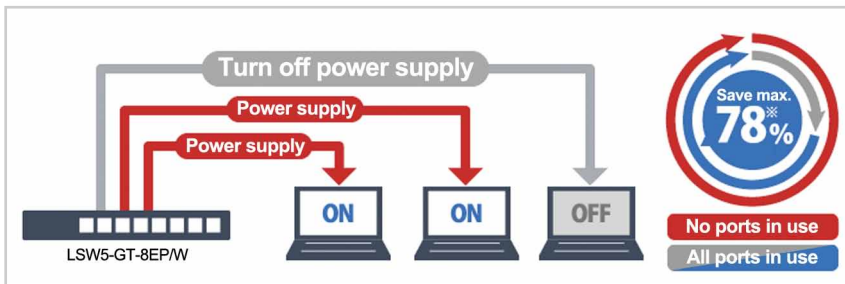**Unmanaged Layer2 1000/100/10 Mbps Switch**

BUFFALO™

LSW5-GT-8EP/W

8 port Gigabit switch capable of reducing power consumption efficiently

■ Automatic energy-saving features

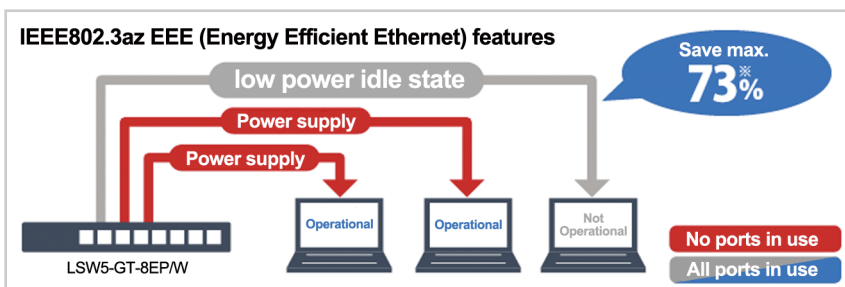Energy-saving features automatically reduce power consumption without configuration:
• Auto Power Save function saves energy automatically by supplying power only to the ports that are connected and in use.
• Power supply is adjusted automatically based on the cable length.
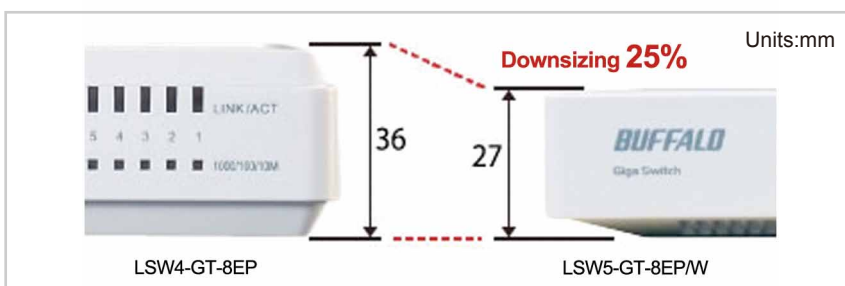

• Standby mode adjusts power consumption according to the number of ports used, save power up to 73%*.

■ Compact, lightweight and fanless design

This switch's compact, lightweight design means that it can be set nearly anywhere - lying flat on our desk, mounted to a wall using holes in the bottom, or even affixed to a metal wall using the magnets embedded in the base.

Features

- 1000Base-T/100 BASE-TX/10 BASE-T Auto-negotiation
- IEEE802.3ab (1000BASE-T), IEEE802.3u(100BASE-TX), IEEE802.3(10BASE-T) standard compliance
- Loop detection (LED notification)
- Auto-Negotiation & Auto MDIX - simply plug in, no settings needed
- Full/Half-duplex auto-detect 1000/100/10 Mbps
- Silent and reliable fanless design

- Energy-saving features automatically reduce power consumption without configuration:
  • Standby mode adjusts power consumption according to the number of ports used
  • Auto Power Save function saves energy automatically by supplying power only to the ports that are connected and in use
  • Power supply is adjusted automatically based on the cable length
- 3-year warranty

LSW5-GT-8EP/W

Specifications

■ Model

LSW5-GT-8EP/W

■ Wired LAN Interface

Standard Compliance	IEEE802.3ab (1000BASE-T), IEEE802.3u (100BASE-TX), IEEE802.3 (10BASE-T)
Transmission Rate	1000Mbps (1000BASE-T), 100Mbps (100BASE-TX), 10Mbps (10BASE-T)
Forwarding Method	Store & Forward
Buffer Capacity	256 KB
Sgnal Coding	4D-PAM5(1000Base-T), 4B5B/MLT-3(100BASE-TX), Manchester Coding (10BASE-T)
Access Method	CSMA/CD
Address Table	approx. 8,000 MAC addresses (Self-Learning Method)
Number of Ports	8 ports
Connector Type	RJ-45 8-Pin
Cable Support	1000BASE-T: UTP category 5e or more 100BASE-TX: UTP category 5 or more 10BASE-T: UTP category 3 or more
Transmission Distance	Max. 100m
Switched Fabrics	16 Gbps

■ Others

Power Supply	AC 100-240V 50/60Hz
Power Consumption	4.9W (at 100V)
Consumption Current	0.15A (at 100V)
Calorific Value	17.6kJ/h
Dimensions (WxHxD)	146 x 27 x 97
Weight	220 g
Operating Environment	0-40°C, 10-85% RH (Non-condensing)
Warranty	3-year

■ Package Contents

LSW5-GT-EP series
AC Adapter
Rubber feet
User's manual
Warranty Statement

■ Supported Functions

Auto-Negotiation (1000/100/10, Full/Half-Duplex)
Auto-MDIX
JumboFrame(9,216Bytes)
Non-blocking switching
IEEE802.3x flow control
Back pressure
Error packet filtering
Loop Prevention
Eco mode [Depending on number of connection, cable length]
EAPOL(IEEE802.1X) frame transparent
BPDU frame transparent

About BUFFALO   **www.buffalo-asia.com**

BUFFALO Inc., based in Nagoya, Japan, is a leading global provider of award-winning networking, storage and multi-media solutions for the home and small business environments as well as for system builders and integrators. With three decades of networking and computer peripheral experience, BUFFALO has proven its commitment to delivering innovative, best-of-breed solutions that have put the company at the forefront of infrastructure technology.