Modular Managed L2 Switch

Provides two Gigabit dual-media ports plus three slots for hot-swappable, 8-port Fast Ethernet modules.

FEATURES

» Manageable through SNMP or any standard Web browser.
» Three slots support 8-port 10-/100-Mbps copper modules or 100-Mbps fiber modules.
» Two dual-media ports support 100- or 1000-Mbps SFPs or function as copper ports.
» Order an AC (LB611C-AC) or DC (AC611C-DC) power supply separately.
» Easy to manage and configure.
» Robust security with VLAN capabilities, as well as port security and IGMP snooping.
» 802.1d Spanning Tree and 802.1w Rapid Spanning Tree enable you to configure the switch with a redundant backup path.
» Virtual Stacking Management (VSM) enables you to manage up to 16 switches with one IP address.
» 802.1x access control improves network security by enabling user authentication for each network access attempt.
» Port mirroring enables you to use a protocol analyzer to track network errors or abnormal packet transmission without interrupting data flow.
» The isolated group feature enables you to designate certain ports as protected.
» Broadcast storm protection.
» RoHS compliant.
» Includes a 19" rackmount kit.
» Has one or two internal power supplies.

Modular Managed L2 Switch (LB610A)

VLAN 1   VLAN 2   VLAN 3   VLAN 4
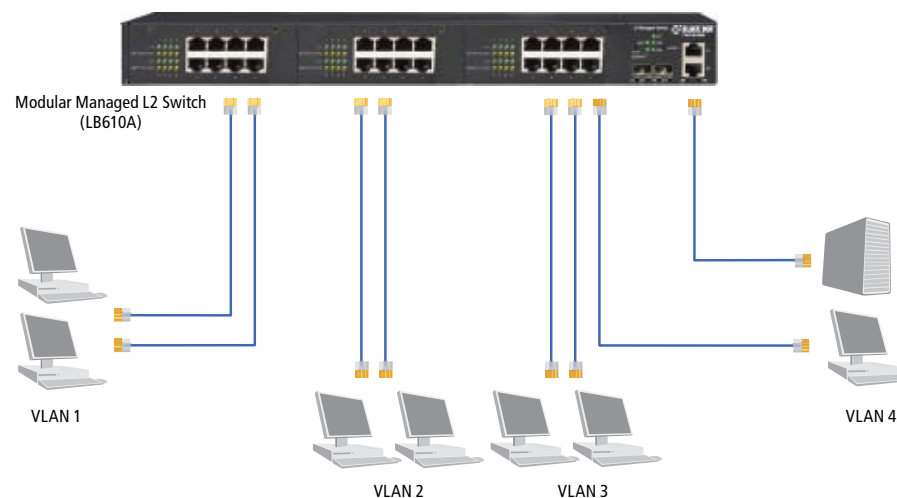
OVERVIEW

The Modular Managed L2 Switch is a versatile data center workhorse that features three slots, each supporting a hot-swappable 8-port copper or fiber Fast Ethernet module. The switch also has two dual-media ports that can support Gigabit Ethernet SFPs or function as a copper port. Models are available with one or two power supply slots (LB610A or LB611A).

Fully manageable

The switch is fully manageable through any standard Web browser over an IP network—even the Internet. It also supports SNMP v1 and v2 for easy integration into any managed network.

Bandwidth aggregation

MAC-based 802.3ad LACP Link Aggregation Control Protocol (LACP) enables you to bundle multiple ports to create a single high-bandwidth pipeline. You can set up two Fast Ethernet groups plus one Gigabit Ethernet group, with a per-group maximum of four ports. The switch can aggregate destination addresses (DA), source addresses (SA), or both. Link failover automatically shifts network traffic onto remaining ports if a port fails.

QoS

802.1p Quality Of Service (QoS), helps to ensure that important network traffic gets through first. QoS enables you to set up to four priority levels so that, for instance, VoIP traffic gets priority over Web browsing. This feature prioritizes data at full wire speed and can operate based on strict priority, weighted round robin, or a mix of both.

Q-in-Q VLAN for performance and security

The VLAN feature in the switch offers the benefits of both security and performance. VLAN is used to isolate traffic between different users and thus provides better security. Limiting the broadcast traffic to within the same VLAN broadcast domain also enhances performance. VLAN support enabling advanced techniques such as "802.1Q-in-1Q" to be deployed.

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TECH SPECS

Environmental — Operating temperature: 32 to 104° F (0 to 40° C); Humidity: 5 to 90% noncondensing

Frame Buffer — 256 KB

MAC Addresses — 8 K

Management — SNMP, Console, Telnet, HTTP via embedded Web server

Standards — IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.3z, 802.1p, 802.1d, 802.1w, 802.3ad

CE Approval — Yes

RoHS — Yes

Power — LB610A: Internal power supply: autosensing 100–240 VAC, 50–60 Hz, 45 Watts; LB611A requires (1) or (2) power modules (order separately): LB611C-AC: Input: 120–240-VAC, 50–60-Hz; Output: 5 VDC, 17 Amps

Size — LB610A–LB611A: 1.75"H x 17.4"W x 11"D (4.4 x 44.2 x 28 cm)

Weight — LB610A: 7.5 lb. (3.4 kg); LB611A: 10.2 lb. (4.6 kg); LB611C-AC: 3.3 lb. (1.5 kg)

LB610A

LB620C

Item	Code
Select a switch...	
Modular Managed L2 Switch	
with AC Power Supply	**LB610A**
with (2) Power-Supply Slots	**LB611A**
...add one or two power supplies...	
AC Power Supply for Modular Managed L2 Switches	**LB611C-AC**
...then populate the slots with up to three switch modules.	
Switch Modules for Modular Managed L2 Switches	
(8) 10BASE-T/100BASE-TX	**LB620C**
(8) 100-Mbps Fiber, Multimode	
SC	**LB621C**
ST	**LB622C**
(8) 100-Mbps Fiber, Single-Mode, SC	**LB623C**
(8) 100-Mbps Fiber Single-Strand, Single-Mode, SC (Order one of each)	
(8) 1310-nm TX/1550-nm RX	**LB624C**
(8) 1550-nm TX/1310-nm RX	**LB625C**
To connect the switches to fiber-based Gigabit Ethernet, order...	
Small Form-Factor Pluggable (SFP) Optical Transceivers	
Multimode, 850-nm, 550 m	**LGB200C-MLC**
Single-Mode, 1310-nm, 10 km	**LGB200C-SLC10**
Single-Mode, 1550-nm, 30 km	**LGB200C-SLC30**

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- You don't have a purchase order number and the tech refuses to help you.

- It's 9 p.m. and you need help, but your vendor's tech support line is closed.

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