BLACK BOX®
NETWORK SERVICES

Web Smart Gigabit Switch

Key Features

- ▶ **16Gbps forwarding bandwidth.**

- ▶ **Wire speed performance.**

- ▶ **Non-blocking switching architecture.**

- ▶ **Flow Control for full duplex, back presure half-duplex.**

- ▶ **Port-mirroring function for network analyses.**

- ▶ **Up to 4 trunk groups.**

- ▶ **Broadcast Storm Control.**

- ▶ **802.1q Tagged VLAN & Port based VLAN.**

- ▶ **Jumbo frame support.**

- ▶ **L4 TCP/UDP port and ToS classification.**

- ▶ **802.1q Quality of Service with 2 level priority queue.**

- ▶ **Management through Web-Browser.**

This high performance and cost-effective Web Smart switch allows easy migration to your IEEE802.3/u/x/z Gigabit and Fast Ethernet Networks.

The switch is equipped with 8 auto-sensing 10/100/1000 Mbps Ports and 2 shared Gigabit Ethernet ports (SFPs). These SFPs can be accomodated with any of our MiniGBICs for additional copper or multimode, single-mode and WDM fibre ports as well as long distance fiber backbone attachments.

Using the integrated CLI-interface and a common Web-Browser you can logon to the switch to monitor, configure and control each port's activity.

In addition the switch provides a broad set of features including 802.1p Quality of Service supporting even sensitve real-time applications like VoIP.

SNMP Trap management provides instant information when there is an abnormal switch status. In addtion the Port Mirroring mechanism tracks network errors or abnormal pakte transmissions

without influencing the data flow.

If you need to increase the bandwith between the switches, you can trunk together up to 4 Gigabit ports per trunk providing very high full duplex speeds.

VLAN enables you to isolate traffic between different network users. So you can increase your network security and enhance the performance at the ame time.

Finally the noise free fanless design provides a peaceful working athmosphere in the office.

Specifications

Standards — IEEE 802.3, 802.3u, 802.1ab,
  802.3z, 802.3x, ANSI/IEEE802.3 autonegotiation,
  IEEE802.1q VLAN
Buffer — 144 KB
Mac address — 8 K
System Configuration — WEB
Connectors —
  (8) RJ45, (2) SFPs (shared)

Power — 100 ~ 240 VAC, 50-60 Hz
Consumption — 20W
Size — 132W x 217D x 44H mm

Certifications — UL, FCC Part 15A, CE, RoHS

Environment
Temperature — 0°C to 40°C (32°F to 104°F)
Humidity — 5% to 90%, non-condensing

Ordering information

ITEM	CODE
Web Smart Gigabit Switch	
8x10/100/1000BaseT+2x shared SFPs LGB2008A	
SFP Modules	
Mini GBIC (SFP) for 1000BaseT (Copper) LBG200C-T	
Mini GBIC (SFP) for 1000BaseSX (Multimode) LBG200C-MLC	
Mini GBIC (SFP) for 1000BaseLX (Singlemode) LBG200C-SLC	
Mini-GBIC (SFP) for 1000BaseZX (Singlemode) LBG200C-SZC	
Mini GBIC (SFP) for WDM 1310TX/1550RX LBG200C-BIDI1	
Mini GBIC (SFP) for WDM 1310RX/1550TX LBG200C-BIDI2	

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We are, with 25 years of experience, the world leader in network infrastructure services.

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