



BLACK BOX[®] NETWORK SERVICES

Smart Gigabit Ethernet Switch



Key Features

- ▶ (8) 10/100/1000Mbps-Ports.
- ▶ Auto-negotiation Gigabit Ethernet ports.
- ▶ Auto MDI/MDI-X for each port.
- ▶ Integrated address Look-Up Engine, supports 32K absolute MAC addresses.
- ▶ Port-based and Tag-based VLANs.
- ▶ Port Mirroring
- ▶ 4 CoS Priority Queues
- ▶ Up to 2 Trunk Groups of 4Gbps per group

Plug-and-Play

The LBS210AE blend plug-n-play simplicity with exceptional performance and reliability, to create cost effective solution for bandwidth-starved workgroups and departments. With (8) 10/100/1000Mbps ports, this switch family is designed to help provide a simple and economical migration path from 10BASE-T or 100BASE-TX to 1000BASE-T Gigabit and deliver superior performance with exceptional value.

Smart Functions

Furthermore, "Smart" functions offer a multitude of configuration options. They will allow you to create trunk groups; define HDX/FDX settings for each port; create Port-based and Tag-based VLANs; etc. You have access to these "Smart" functions through an integrated console port.

Bandwidth intensive applications

It's an ideal solution for the most demanding bandwidth intensive applications and can be used as a cost effective gigabit wiring closet solution or a high performance backbone aggregation device.

Specifications

Standard —

IEEE802.3 10BASE-T
IEEE802.3u 100BASE-TX
IEEE 802.3ab 1000BASE-T

Protocol — CSMA/CD

Network Media —

10BASE-T Category 3,4,5 UTP twisted pair Cable
100BASE-TX Category 5 UTP twisted pair Cable
1000BASE-TX Category 5 UTP 4-pair Cable

Connectors —

(8) 10/100/1000Mbps auto-MDI/MDIX port with RJ-45 connector
(1) DB9 Female

Filter/Forward Rate —

10Mbps ports - 14,880pps
100Mbps ports - 148,800pps
1000Mbps ports - 1,488,000pps

Memory —

8K MAC address entry
256KBytes per device

Network Data Transfer Rate —

Ethernet : 10/20Mbps (half/full duplex)
Fast Ethernet : 100/200Mbps (half/full duplex)
Gigabit Ethernet : 2000Mbps (full duplex)

Diagnostic LEDs —

System Power LED, individual port Link/ACT, 1000M, 100M
Power —
Input: 90-260 VAC, 50-60Hz
Power consumption: maximum 20 Watts

Dimensions —

266W x 160D x 44H mm

Weight — 1.5Kg

Temperature —

Operating: 0 - 60°C
Storage: -20 - 90°C

Humidity —

10% - 90% (Non-condensing)

Safety & EMI Certificates —

CE & FCC-A

Ordering information

ITEM

CODE

Smart Gigabit Ethernet SwitchLBS210AE