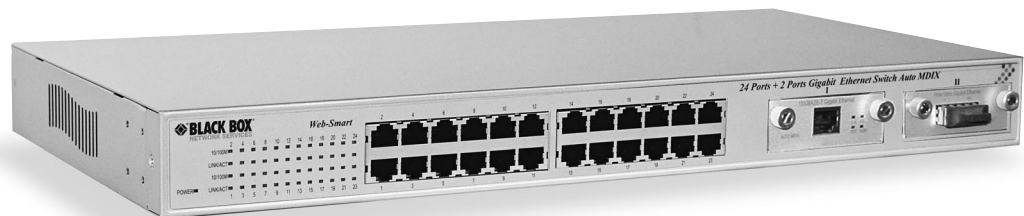




# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

## WebSmart Ethernet Switch



### Key Features

- ▶ 24x 10/100 RJ-45 ports and 2 optional Gigabit copper or fibre ports.
- ▶ Management & Configuration via Web Browser.
- ▶ Bandwidth control: 100 levels of configurable bandwidth provision.
- ▶ Port-based and Tag-based VLAN support.
- ▶ Port-Trunking with flexible load distribution and fail-over function.
- ▶ Supports 2 levels of priority queues.
- ▶ Supports port mirroring, aging and setting
- ▶ Silent Fanless operation.

The LBS1126AE is the first of a new breed of WebSmart Black Box Ethernet Switches. The management and configuration software is accessible through your web browser. It allows you to control the bandwidth that every user/port on your switch uses. The software is password protected so users cannot define their own bandwidth settings. You can create up to 7 VLANs, each consisting of maximum 4 ports, including the Gigabit ports. Furthermore the LBS1126AE supports packets up to 1536 bytes, Head-of-Line blocking prevention and broadcast storm filtering.

## Specifications

### Standards —

IEEE 802.3 10Base-T Ethernet  
IEEE 802.3u 100Base-TX Fast Ethernet  
IEEE 802.3z 1000Base-SX Gigabit Ethernet  
IEEE 802.3x Flow Control  
IEEE 802.1Q Tag-based VLAN  
IEEE 802.1v Port-based VLAN

### Connectors —

Switch -  
(24) STP 10/100 Mbps ports  
(1) DB9F Console Port  
Modules -  
(2) SMI/GMII interface for fibre optic modules:  
LBS1126C-SXSC (1) Multimode Fibre SC 1000Base-SX port  
LBS1126C-T (1) STP 1000Base-T port  
Supports Auto MDIX Crossover Capabilities

**Expansion Interface** — 2 empty slots for Gigabit Ethernet modules

### Fully Flow Control Supported —

Half-duplex mode: Backpressure  
Full-duplex mode: IEEE 802.3x

### Filter/Forward Rate —

1000-Mbps port: 1,488,000 pps  
100-Mbps port: 148,800 pps  
10-Mbps port: 14,880 pp

### Memory —

1MByte for control;  
3MByte for packet buffers;  
Programmable size for MAC entries (between 6 and 14KByte);  
Programmable size for VLAN entries (between 2 and 4KByte)

### Diagnostic LEDs —

Per port: LINK/ACT, 10/100M;  
System: POWER

**Power Supply** — 100–240 VAC, 50–60 Hz

Power Consumption — maximum 35 Watts

**Dimensions** — 4.4 H x 44.0 W x 18.4 D cm

**Weight** — 2.3Kg

### Temperature —

Operating: 5–45°C  
Storage: -20–70°C

**Humidity** — 10 – 90% (non-condensing)

**Safety & EMI Certificates** — CE & FCC-A

## Ordering information

### ITEM

### CODE

WebSmart Ethernet Switch 24-ports 10/100	.....LBS1126AE
Single Port 1000BASE-SX F.O. module	.....LBS1126C-SXSC
Single Port 1000BASE-T F.O. module	.....LBS1126C-T

## Black Box Network Services - The world's largest network services company

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

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**On-line** — receive technical knowledge on-line, including technology overviews, Black Box Explains and the Knowledge Box.

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