



# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

# WebSmart 10/100/1000 Ethernet Switch



## Key Features

- ▶ Manageable through your web browser from anywhere on the network.
- ▶ Web Management Utility included for Auto-Discovery, Configuration and Monitoring.
- ▶ (24) 10/100/1000Mbps Auto-negotiation Gigabit Ethernet ports.
- ▶ Auto MDI/MDIX support.

### Description

The WebSmart 10/100/1000 Ethernet Switch is a full 24-port copper Gigabit Switch. For fibre connectivity to the backbone, Black Box offers a full range of Copper-to-Fibre Media Converters

This switch is manageable via your web browser. On top of that, this switch comes with a Web Management Utility. This software utility allows you to easily discover all WebSmart 10/100/1000 Ethernet Switches in the network; assign IP Addresses; change passwords; upgrade to new firmware and much more.

### What's included in the package:

- (1) Gigabit Ethernet Switch
- (2) 19 inch mounting brackets and screws
- (4) rubber feet with adhesive backing
- (1) AC power cord
- (1) CD-Rom with Web Management Utility and User's Guide

## Specifications

**Standards** — IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T

**Network Data Transfer Rate** — Ethernet: 10/20Mbps HDX/FDX; Fast Ethernet: 100/200Mbps HDX/FDX; Gigabit Ethernet: 2000Mbps FDX

**Switching Mechanism** — Store-and-Forward

**Flow Control** — IEEE 802.3x Flow Control for Full Duplex; Back-Pressure Flow Control for Half Duplex

**Ports** — (24) 10/100/1000Mbps, Auto-Negotiation; Auto-MDI/MDI-X

**Connectors** — (24) RJ-45 STP

**Indicators** — (1) LED for power; (1) LED for System; per port (1) Led for Link/Activity, (1) LED for 100Mbps and (1) LED for 1000Mbps.

**Packet Filtering/Forwarding rates** 1000Mbps: 1,488,000pps; 100Mbps: 148,800pps; 10Mbps: 14,880pps

**Buffer Memory** — 8K MAC Address look-up engine; 3.2Mbyte embedded RAM buffer

**Management** — configuration through web browser & Web Management Utility of :  
- VLANs (Port-based)  
- QoS  
- MAC-based Trunks  
- Port Mirroring  
- Port Settings (enable/disable; speed; HDX/FDX; Flow Control)

**Power** — Internal Switching power Supply 100 - 240 VAC, 50-60Hz; maximum 32W power consumption.

**Temperature Tolerance** — Operating: 0 to 50°C; Storage: -10 to 70°C

**Humidity Tolerance** — Operating: 10 to 90% RH; Storage: 5 to 90% RH

**Size** —44H (1U) x 440W x 210Dmm

**Weight** — 3.6 kg

**Safety & EMI Certificates** — CE, FCC, VCCI, UL

## Ordering information

### ITEM

### CODE

24-Port 10/100/1000 Ethernet Switch

LBS1224AE-R2

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