BLACK BOX®
NETWORK SERVICES

16/24 Ports Nway Fast Ethernet Switch plus 1-100Mbps FO-Slot

Key Features

▶ 16/24 Port 10/100 BASE-T/TX Nway Fast Ethernet Switch.

▶ 1-FO module port (100BASE-FX).

▶ Smart Plug & Play Device, Easy for Installation and Use.

▶ Full / Half Duplex Capabilities.

▶ Full Wire Speed Filtering / Forwarding Rates.

▶ Store & Forward Switching Methods.

▶ Compact Rigid Rackmount Size.

▶ Provides Non-Blocking and Non-Head-Of-Line Blocking.

▶ Supports Auto-Detect of Full/Half Duplex Modes in All Ports.

▶ Supports Broadcast Storm Protection.

▶ Supports Auto MDIX Crossover Capabilities.

▶ One Uplink Port.

▶ Provided reset button.

▶ One Trucking up to 800Mbps Link. (4 Ports At Full-duplex).

▶ Support link Fault Tolerance On Trunking Port.

▶ The Port Based on V-LAN Support for up to 4 Groups.

▶ The Port Setting for Nway or Force Mode Operation .

The Switches LBS216AE-R2 and LBS224AE-R3 provide 16 or 24 10/100Mbps ports and one 100Mbps Slot. This Switch Family was designed for easy installation and high performance in an environment where traffic on the network and the number of user increase continuously.

The compact Rack-mount size was specifically designed for ROBO (Remote Office & Branch Office) and medium to large workgroups and can be installed where space is limited; moreover it provides smooth network migration and easy upgrade to network capacity.

Specifications

Standards Compliance —
IEEE 802.3 10BASE -T; IEEE 802.3u
100BASE-TX

Number Of Ports — 16/24 ports:
10/100Mbps Nway port

Expansion Interface — 1 uplink port

Fully Flow Control Supported —
Half-duplex mode: Backpressure, Full-duplex mode: IEEE 802.3x

Network Transmission Media —
10BASE-T Cat. 3, 4, 5 UTP/STP,
100BASE-TX Cat. 5 UTP/STP

**Network Status Monitoring
LEDs —** per port: LINK/ACT, 10/100M,
FDX, System: POWER

Buffer Memory — RAM: 4Mbits per
device, RAM buffer dynamically allocated
for each port

Filter/Forward Rate — Packet
Filtering/ Forwarding Rates, 100Mbps
port - 148,800pps, 10Mbps port -
14,880pps

MAC Address — up to 2K per device
Power Supply - 90~260V/AC, 50~60Hz

Power Consumption —
16 Watts (Max)

Temperature —
Operating: 0°C ~ 60°C
Storage: -20°C ~ +90°C

Humidity — 10% ~90% RH (Non-condensing)

Dimension —
LxWxH 440mm x 220mm x 44mm

Weight - 2.9Kg

Safety & EMI Certificates — CE &
FCC-A

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

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