

## Convergence Ready Gigabit Workgroup Switch

### **OmniStack 8008**

The OmniStack OS-8008 is Alcatel's new cost effective, high performance Gigabit Ethernet switch. It was designed to eliminate congestion in workgroup networks and deliver the performance needed to support next generation, converged data and voice networks.



#### **Convergence ready**

The OmniStack 8008 lets the network manager control network traffic and the bandwidth available to specific users and applications through such advanced features as:

- Standards-based 802.1p for traffic prioritization
- IGMP filtering and snooping for controlling packets sent to multiple users
- Broadcast control for preventing traffic storms across the network
- 802.3x flow control for avoiding packet loss on heavily used ports

#### **Network availability**

The OmniStack 8008 can be connected to network backbone switches such as the OmniCore 5000 and OmniSwitch/Router via redundant, trunked gigabit lines. It also has inherent resiliency features like Spanning Tree and support for an external redundant power supply.

#### **Network Security**

The OmniStack 8008 supports standards-based virtual LANs (VLAN) -- such as port-based and 802.1Q tagged VLANs. Virtual LANs enable secure groupings of end users.

#### **Adaptive Networking**

Full duplex Gigabit ports can be aggregated gradually to create high-speed links to network backbones -- up to four ports in one single link. With an address table of up to 12,000 MAC addresses, the 8008 can support multiple Fast Ethernet workgroup switches such as the Alcatel OmniStack 6024.

#### **Simplified Management**

The OmniStack 8008 supports an extensive range of management tools:

- Industry standard SNMP traps and RMON probes
- Port mirroring allowing detailed analysis of traffic crossing any port in real time
- Web- based management tools for easy switch configuration access

## OmniStack 8008-SX Specifications & Ordering Information

### Specifications

#### Gigabit Ethernet ports

Eight 1000Base-SX SC-type ports

#### Dimensions

17.37 x 11.22 x 2.53 in.  
(44.0 x 28.5 x 6.4 cm.)

#### Weight

10.14 lb. (4.6 kg)

#### Input power

100~240 (±10%) VAC, 50-60 (±3) Hz

#### Power consumption/ dissipation

70 Watts maximum / 239 BTU / hr maximum

#### Maximum current (@110/240VAC)

0.5A @ 110VAC, 0.7A @ 240VAC

#### Management (abridged)

MIB II, Bridge MIB, Ethernet MIB, RMON MIB, and Private MIB

#### RMON

Groups 1, 2, 3, 9 (statistics, history, alarm and event)

### Standards Conformance

#### CE Mark

EN50081-1, EN55022 Class B;  
EN50082-1, EN61000-4-2/3/4/5/6/11

#### Emissions

FCC Class B, VCCI Class B, CISPR 22 Class B, AZ/NZS 3548 Class B, BSMI Class A

#### Safety

CSA/NRTL (C.22.2.950,UL1950), TÜV/GS (EN60950)

#### Operating Immunity

EN61000-4-2/3/4/5/6/11, EN60555-2 Class B, EN60555-3

#### Operating temperature

IEC 68, Standard Operating: 0~50°C (32~122°F), Storage-40~70°C (-40~158°F)

#### Humidity

5% to 95% (Non-condensing)

#### Vibration

IEC 68, Standard Operating: 0~50°C (32~122°F), Storage-40~70°C (-40~158°F)

#### Shock/ Drop

IEC 68

#### Standards (Abridged)

IEEE 802.3z, IEEE 802.1D, IEEE 802.3x, IEEE 802.1Q

### Ordering Information

#### OS-8008-SX

Eight port 1000Base-SX switch  
1.5U High, 19" rack mountable.

Switch software, user manuals, power cord, and rack mount brackets included

#### RDP-150-AC

150W, AC redundant power supply for OS-6024 and OS-8008 switches.

One AC supply power cord, 1 DC backup power cord, User manual and rack mount brackets included

Product specifications contained in this document are subject to change without notice.

Contact your local Alcatel representative for the most current information.

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