

DEFENSE

**Aqeri**

**962481**

## 3U Ethernet Switch

Aqeri 962481 is a semi rugged 19" 3U Cisco-based Fiber and Copper Gigabit Switch with POE for Military and Industrial applications. Interface connectors, copper and fiber are IP54 sealed. The switch has been specially designed to withstand harsh environments where operators place high demand on function and reliability. It works reliably inspite of dust, dirt, vibrations, strong electromagnetic fields and standard temperature variations. Further, the fully aluminum construction stands for low radiation and high noise immunity.

### Features:

- > Fully sealed all aluminum 19" 3U chassis
- > Based on Cisco Catalyst 2960S
- > 20 x Gigabit in RJ45 connectors
- > 4 x Gigabit SX Multimode in LC connectors
- > Integrated heating and climate control



## TECHNICAL SPECIFICATIONS

Switchboard: Cisco Catalyst 2960S

### I/O Interfaces

Gigabit: x20  
PoE (7.5W / port): x10 of above interfaces  
1000Mbit SX Multimode: x4  
SNMP: x1  
Console: x1

### CONNECTORS

Gigabit: RJ45  
PoE: RJ45  
1000Mbit SX Multimode: LC  
SNMP: RJ45  
DC In: MS3102E 10SL-3P

### PHYSICAL CHARACTERISTICS

Dimensions: 440 x 132.45 x 500mm (WxHxD)  
Weight: 12 kg  
Color: Green, other optional

### ELECTRICAL SPECIFICATIONS

Power requirements: 48VDC  
Power consumption: Max 68W at 48VDC (excluding heaters)

### ENVIRONMENTAL CHARACTERISTICS

Designed to fulfill  
(Other standards on request): European CE, EN 60950-1  
Optional: MIL-STD-461E  
MIL-STD-1275B  
MIL-STD-810G  
Option  
TEMPEST SDIP-27 Level A, B, C:  
Temperature Operating: 0°C to +40°C  
Vibration Operating: 10-500Hz 1,04g rms  
Shock Operating: 15g, 11ms, ½ sine wave  
Humidity: 5% to 95% non condensing  
Altitude Operating: 3000m

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