

18-Port 10/100/1000BaseT/TX PoE+ Switch with 16 PoE/PoE+ Ports plus 2 Gigabit SFP Ports



Signamax's 18-Port 10/100/1000BaseT/TX PoE/PoE+ Switch with 16 Power over Ethernet Plus (PoE+) Ports plus two Gigabit SFP ports provides the capability to remotely power up to sixteen IP cameras, wireless access points, VoIP telephones, IP access controllers, and other devices that meet either the IEEE 802.3af PoE 15.4 watt standard or the IEEE 802.3at PoE+ 30 watt standard. This switch provides non-blocking performance to all 18 unmanaged 10/100/1000BaseT/TX ports, four of which are PoE+ equipped, and two Gigabit SFP ports. The 065-7331GPOEP switch allows cost-effective PoE/PoE+ extension to midsized offices and workgroups.

KEY FEATURES

- Supports IEEE 802.3af/802.3at PoE/PoE+ standards as PSE on sixteen PoE-TP ports (End-Point).
- 250 watts internal power supply.
- Auto-detection of powered devices and power consumption levels.
- Non-blocking, wire-speed switching matrix.
- All ports are Auto-MDIX and Auto-Negotiating.
- LED indicators for data and POE activity.
- Rack mounting kit included.

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
065-7331GPOEP	18-Port 10/100/1000BaseT/TX PoE/PoE+ Switch with 16 PoE/PoE+ Ports plus 2 Gigabit SFP Ports

SPECIFICATIONS

• APPLICABLE STANDARDS

- IEEE 802.3 10BaseT
- IEEE 802.3u 100BaseTX
- IEEE 802.3ab 1000BaseT
- IEEE 802.3z 1000BaseSX/LX/UX/ZX (SFP-dependent)
- IEEE 802.3af Power over Ethernet (PoE)
- IEEE 802.3at Power over Ethernet Plus (PoE+)
- IEEE 802.3x Flow Control

• PORTS

- 16** - RJ-45 10/100/1000BaseT/TX auto-negotiating auto-MDIX ports; 16 ports are PoE/PoE+ equipped, and can support up to 225 watts of total PoE/PoE+ device load.
- 2** - 1000Base SFP-only ports

• LED STATUS INDICATORS

- Per Switch:** Power
- Per Twisted-Pair Port:** Link/Activity, PoE/PoE+ Activity (ports 1-16)
- Per 1000Base SFP port:** Link/Activity

• PERFORMANCE

- Latency:** <20 μ s (LIFO).
- Throughput:** 1,488,000 pps (64-byte packets)
- Switch Fabric Speed:** 36 Gbps (non-blocking, wire speed performance)
- MAC Addresses Supported:** 8K

SPECIFICATIONS (continued)**• PHYSICAL CHARACTERISTICS**

Dimensions: 17.3" W x 13.78" D x 1.73" H

(440 mm x 350 mm x 44 mm)

Weight: 11 lbs (5 kg)

• ELECTRICAL CHARACTERISTICS

Maximum Switch Wattage Required w/o PoE/PoE+ support: 25 Watts

Maximum PoE Wattage Deliverable: 225 Watts

Internal Power Supply AC Input: 100 ~ 240 VAC, 50 ~ 60 Hz

• ENVIRONMENTAL CHARACTERISTICS

Operating Temperature: 32°F to 104°F (0°C to 40° C)

Storage Temperature: -40°F to 158°F (-40°C to 75° C)

Relative Humidity:

Operating: 10 to 90%, non-condensing

Storage: 5 to 90%, non-condensing

• CERTIFICATIONS

CE, FCC, ROHS

• WARRANTY

Five years, including power supply