

9-Port 10/100BaseT/TX PoE+ Switch with 8 PoE/PoE+ Ports plus 1 Gigabit Dual Media Port



Signamax's 9-Port 10/100BaseT/TX PoE/PoE+ Switches with 8 Power over Ethernet Plus (PoE+) Ports plus one 10/100/1000 Dual Media Gigabit SFP port provide the capability to remotely power up to eight 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. These switches provide non-blocking performance to all 8 unmanaged 10/100BaseT/TX ports, all of which are PoE+ equipped, and a single Dual Media 10/100/1000BaseT/TX RJ-45/Gigabit SFP port. The desktop form-factor 065-7309POEP switch has a 150 watt internal power supply; the rack mount form-factor 065-7309POEP-FP switch has a 250 watt internal power supply. They allow cost-effective PoE/PoE+ extension to small and midsized offices and workgroups.

KEY FEATURES

- Supports IEEE 802.3af/802.3at PoE/PoE+ standards as PSE on eight PoE-TP ports (End-Point).
- Desktop model 065-7909POEP is equipped with a 150 watt internal power supply.
- Rack mount model 065-7909POEP-FP is equipped with a 250 watt 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.
- Wall mounting kit included with model 065-7909POEP.
- Rack mounting kit included with model 065-7909POEP-FP.

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
065-7309POEP	9-Port 10/100BaseT/TX PoE/PoE+ Switch with 8 PoE/PoE+ Ports plus 1 Gigabit Dual Media Port. Desktop form factor, 150 watt internal power supply.
065-7309POEP-FP	9-Port 10/100BaseT/TX PoE/PoE+ Switch with 8 PoE/PoE+ Ports plus 1 Gigabit Dual Media Port. Rack mount form factor, 250 watt internal power supply.

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**

- 8 - RJ-45 10/100BaseT/TX auto-negotiating auto-MDIX ports; 8 ports are PoE/PoE+ equipped, and can support up to 135 watts of total PoE/PoE+ device load (model 065-7309POEP) or up to 235 watts of total PoE/PoE+ device load (model 065-7309POEP-FP).
- 1 - Dual Media port, with RJ-45 10/100/1000BaseT/TX auto-negotiating auto-MDIX jack and 1000Base SFP receptacle.

- **LED STATUS INDICATORS**

- Per Switch:** Power
- Per Twisted-Pair Port:** Link/Activity, PoE/PoE+ Activity (ports 1-8)
- Per 1000Base SFP port:** Link/Activity

- **PERFORMANCE**

- Latency:** <20 μ s (LIFO).
- Throughput:** 1,488,000 pps (64-byte packets)
- Switch Fabric Speed:** 3.6 Gbps (non-blocking, wire speed performance)
- MAC Addresses Supported:** 1,024

- **PHYSICAL CHARACTERISTICS**

- Model 065-7909POEP:**

- Dimensions:** 11.02" W x 7.09" D x 1.73" H
(280 mm x 180 mm x 44 mm)
- Weight:** 5.5 lbs (2.5 kg)

- Model 065-7909POEP-FP:**

- Dimensions:** 17.3" W x 7.09" D x 1.73" H
(440 mm x 180 mm x 44 mm)
- Weight:** 6.17 lbs (2.8 kg)

- **ELECTRICAL CHARACTERISTICS**

- Model 065-7909POEP:**

- Maximum Switch Wattage Required w/o PoE/PoE+ support: 15 Watts
- Maximum PoE Wattage Deliverable: 135 watts
- Internal Power Supply AC Input: 100 ~ 240 VAC, 50 ~ 60 Hz

- Model 065-7909POEP-FP:**

- Maximum Switch Wattage Required w/o PoE/PoE+ support: 15 Watts
- Maximum PoE Wattage Deliverable: 235 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