



065-7341GF

**24-port 10/100/1000BaseT/TX Switch
with 2 1000Base SFP Dual Media Ports**

User's Manual

Overview:

The Signamax 065-7341GF Switch is a 24-port unmanaged Gigabit switch with 22 10/100/1000BaseT/TX unmanaged ports plus 2 10/100/1000BaseT/TX / 1000BaseSFP Dual Media ports. It is a powerful unmanaged switch that can be used for high-speed data transport for workgroups and branch operations.

This switch also supports two 1000Base SFP receptacles, which can be used to extend a Local Area Network (LAN) to two different locations at up to 110 km distances for fiber backhaul and distributed LAN solutions. It has a 1U rack mount form factor, with the rack mounting hardware included.

The Signamax 065-7341GF is the ideal choice for those who desire to economically deploy distributed Gigabit Ethernet LANs cost-effectively.

Key features:

- **Supports twenty-four (24) 10/100/1000 Mbps Gigabit Ethernet 10/100/1000BaseT/TX PoE/PoE+ ports with 2 1000Base Dual Media SFP receptacles (24 ports total).**
- **48 Gbps switching bandwidth. Full wire-speed non-blocking reception and transmission.**
- **Forwarding rate:**
 - **1000 Mbps: 1,488,000 pps**
 - **100 Mbps: 148,800 pps**
 - **10 Mbps: 14,880 pps**
- **Status LEDs:**
 - **System power**
 - **Link / Activity**
- **Store-and-forward switching method.**
- **Back pressure Flow Control for Half-Duplex mode.**
- **IEEE 802.3x Flow Control for Full-Duplex mode.**
- **Plug and Play.**

User Guide:

1. Check the switch:

- 1. Please check the enclosure, the RJ-45 ports, and the LED indicators, making sure they are ok.**
- 2. Connect the switch to AC power, making sure the initialization of the PoE switch occurs as below:**
 - POW indicator is on and remains on after connection to AC power.**
 - Other indicators will be on, then off after one or two seconds.**

2. Cable connection:

- 1. Connect the Switch to a Computer or other device by Cat. 5e or better cables.**
- 2. Connect the external power cord to the Switch and the power cord to AC plug.**
- 3. Turn on the switch.**

Caution:

- 1) All operation should be provided only by a qualified service technician.**
- 2) Please avoid having any heavy thing placed on the Switch.**
- 3) Do not use this product near water, for example, in a wet basement or near a swimming pool.**
- 4) Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.**
- 5) For outdoor use, the Switch itself should be housed inside a protective enclosure.**
- 6) Cutting power during a firmware upgrade can damage your device.**
- 7) Only use attachments/accessories specified by the manufacturer.**
- 8) Opening the switch or tampering with the warranty sticker can void your warranty.**

Technical Specifications:

Applicable Standards	IEEE 802.3i 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3z 1000Base-X (via SFP module) IEEE 802.3x Flow Control
Network ports	24 - 10/100/1000BaseT/TX Auto-MDIX 2 - 1000Base SFP receptacles (shared with ports 23 & 24)
Performance	Bandwidth: 48 Gbps Network delay: Max 20 microsecond Database size: 8 K MAC addresses Forwarding Rates: 1000 Mbps/ 1,488,000 pps, 100 Mbps / 148,800 pps, 10 Mbps / 14,880 pps
LED indicator	Power, Link / Activity
Power supply	Internal, 100-240V, 50/60Hz
Size	Dimensions: 17.3 x 7.09 x 1.73 in. W x D x H (280 x 180 x 44 mm) Weight: 4.78 lbs (2.17 kg)
Environment	Operating Temperature: 32°F~104°F (0°C~40°C) Storage Temperature: 14°F~158°F (-10°C~70°C) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
Safety	CE/LVD
Certification	CE FCC ROHS
Warranty	Limited 5-year warranty

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