



MANAGED INDUSTRIAL ETHERNET SWITCH (1U)

QUICK INSTALLATION GUIDE

Thank you for choosing Vikings Technology. This guide describes how to install our 1U type Managed Industrial Ethernet Switches.

Package Contents

- Managed Industrial Ethernet Switch x 1
- Set of brackets for 19" Rack Mount x 1
- This Quick Installation Guide x 1
- Power cord x 2 (Only for Non-PoE model)

Safety Guidelines

- Do not look into bores of energized optical fiber cables or optical modules without eye protection - laser beams may cause eye damage.
- Follow all general safety guidelines and instructions installing and handling such low current & low voltage devices.

Installation

- Place the Ethernet switch on a stable horizontal surface or with the help of included brackets, install it in the 19" Rack.
- Please follow the table below for port type, PoE, speed and SFP module connections and max power consumption:

Model	Ports	RJ45				SFP			COMBO		Power input	
		10/100/1000 M	PoE +	PoE ++	PoE budget, W	100M /1*G	1*/2.5G	1/2.5/10*G	RJ45 10/100/1000 M	SFP 1G	V	Max Cons, W
SMG1648-1U	1-16	-	-	-	-	-	25-28	-	17-24		100-240VAC	32
SMG2440-1U	1-24	-	-	-	-	-	25-28	-	-			30
SMG4840-1U	1-48	-	-	-	-	-	49-52	-	-			52
SMG0208-1U	-	-	-	-	-	9-24	25-28	-	1-8			36
SMX1648-1U	1-16	-	-	-	-	-	-	25-28	17-24			36
SMX2440-1U	1-24	-	-	-	-	-	-	25-28	-			32
SMX4840-1U	1-48	-	-	-	-	-	-	49-52	-			60
SMX0208-1U	-	-	-	-	-	9-24	-	25-28	1-8			40
SMG1648P-1U	1-16	3-16	1-2	370	-	-	25-28	-	17-24		44-57VDC	400
SMG2440P-1U	1-24	3-24	1-2	370	-	-	25-28	-	-			400
SMX1648P-1U	1-16	3-16	1-2	370	-	-	-	25-28	17-24			410
SMX2440P-1U	1-24	3-24	1-2	370	-	-	-	25-28	-			400

* - default port speed settings. If necessary to change port speed parameters, go to web-settings (see Web login section & web user manual).

- For **Non-PoE** models, use included power cords to connect the switch to **100-240VAC** power outlet. The switch can work from one power input, however if power redundancy is required, connect power to the second power input as well.
- For **PoE** models, connect your **44-57VDC** power supply to the green power connector in the front panel. Switch's power consumption is up to 40W + PoE load. Max PoE load (power budget) is 370W. Please choose your power supply meeting your PoE load + 40W. If power redundancy is required, connect second power supply.
- For better unit's protection against surge, connect the ground cable to the ground screw located on the rear of the unit.

- Power up your power supply (-ies) to power up the unit. If all cables are correctly connected, the indicators will lit as per LEDs status below:

LED	Color	Indication
P (Power)	Green	Off: unit is not getting power or failed Lit: unit is powered on
S (Status)	Green	Blink: system is initializing Lit: system is running normally
USB	Green	Lit: USB flash drive is detected Blink: device is reading or writing data
ALM (Alarm)	Red	Lit: alarm in the system
RJ45 ports	Green	Off: port is not active Lit: connection is established Blink: data is being transmitted
	Yellow	Non-PoE models: Off: 10/100Mbps connection is established Lit: 1000Mbps connection is established PoE models: Off: PoE is not supplied Lit: PoE is supplied
SFP ports	Green	Off: port is not active Lit: fiber link is established Blink: data is being transmitted

Web login

1. Connect the switch to your PC with a network cable
2. Set your PC's IP address to 192.168.1.2
3. In your PC's browser enter the **default switch's IP address: 192.168.1.6**
 - 3.1. Default Username: **admin**
 - 3.2. Default Password: **admin**
4. For settings details, please check Switch's web user manual

Contact information

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