

### 1 IP Cameras\*



Up to 300ft / 91m

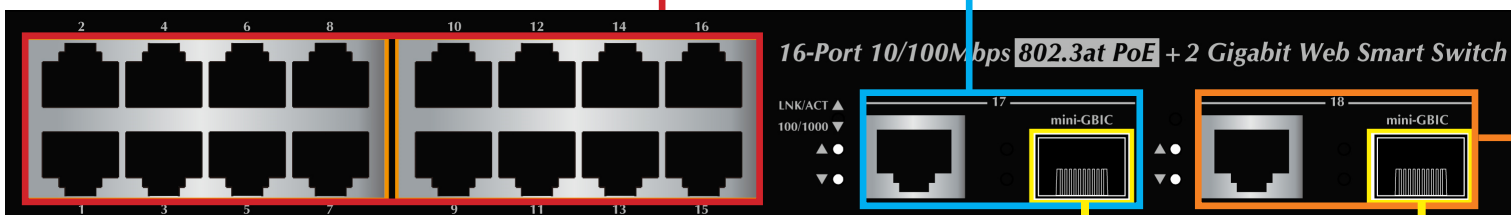
### 2 Router/LAN\*



### 3 NVR or other non-PoE device\* (optional)



#### Front Panel



SFP ports – remove dust caps to use

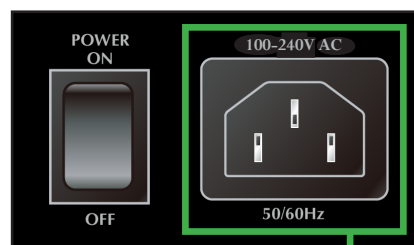
#### Default Switch Information

Static IP address: 192.168.0.100  
Subnet mask: 255.255.255.0

#### Default Access Information

Username: admin  
Password: admin

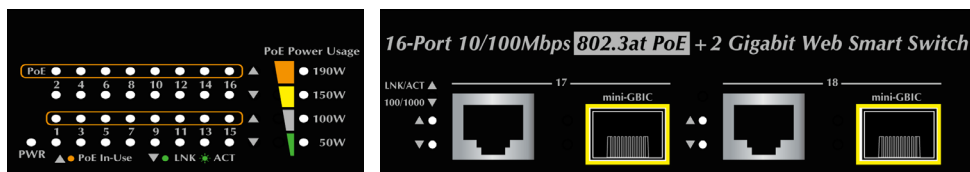
#### Back Panel



### 4 Power



\*Not included/sold separately



## LED Indicators

### System

Name	Color	Meaning
PWR	Green	<b>ON:</b> The switch is receiving power. <b>OFF:</b> The switch is not powered.

### Port 1 to Port 16

Name	Color	Meaning
LNK/ACT	Green	<b>ON:</b> Successfully established link at 10/100Mbps. <b>Flashing:</b> Switch is sending/receiving data. <b>OFF:</b> No connection.
POE	Orange	<b>ON:</b> Port is providing 52V DC in-line power. <b>OFF:</b> Connected device is not a PoE Powered Device (PD).

### Port 17 and Port 18 (RJ-45 or SFP)

Name	Color	Meaning
LNK/ACT	Green	<b>Flashing:</b> Switch is sending/receiving data. <b>OFF:</b> No connection.
100/1000	Green	<b>ON:</b> Port is established at 1000Mbps. <b>Slow Flashing:</b> Port is established at 100Mbps. <b>OFF:</b> Port is established at 10Mbps.

### PoE Power Usage

Name	Meaning
50W	<b>ON:</b> PoE power consumption is 50W or greater across ports 1~16.
100W	<b>ON:</b> PoE power consumption is 100W or greater across ports 1~16.
150W	<b>ON:</b> PoE power consumption is 150W or greater across ports 1~16.
190W	<b>ON:</b> PoE power consumption is 190W or greater across ports 1~16.

## Technical Specifications

Name	Specification
Ports	16x 10/100Base-TX RJ-45 Auto-MDI/MDI-X ports 2x 10/100/1000Base-T RJ-45 Auto-MDI/MDI-X ports 2x 1000Base-X SFP interfaces, shared with ports 17 and 18
PoE Standard	IEEE 802.3af / 802.3at PoE / PSE
PoE Power Output	Per Port 52V DC, Max. 30.8 watts
Total Power Output	220 watts across ports 1~16
PoE Class	Class 0/1/2/3/4
Standard Compliance	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3z Gigabit Ethernet over Fiber-Optic IEEE 802.3x Full-duplex flow control IEEE 802.1Q VLAN IEEE 802.1p QoS IEEE 802.1D Spanning Tree Protocol IEEE 802.1w Rapid Spanning Tree Protocol IEEE 802.3af Power over Ethernet IEEE 802.3at Power over Ethernet Plus
Operating Humidity	5 ~ 95% (non-condensing)
Operating Temperature	32 ~ 122F / 0 ~ 50C
Power Input	100~240V AC, 50/60Hz, 4A
Dimensions (W x D x H)	17.3" x 7.9" x 1.8" 440 x 200 x 44.5mm (W x D x H) 1U height
Weight	2.55kg / 5.62lbs.

## FCC Notice

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the Instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.