

### INTRODUCTION

The C11-162-30-250 is a 16 port 10/100BaseT unmanaged PoE switch capable of feeding 15.4/30W (54V max. per port) power to Power over Ethernet (PoE) devices. It comes with an addition of 2 GbE combo ports.

### PACKAGE CONTENTS

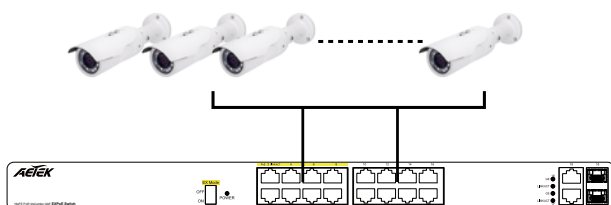
* 1x PoE switch	* 1x Quick Installation Guide
* 2x rack mount ears	* 1x power cord (type by the shipped-to area)

### ⚠ IMPORTANT:

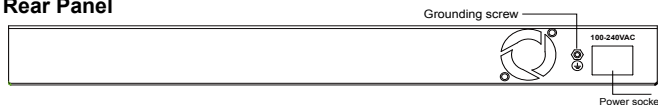
1. Install the PoE switch in a ventilated and dry place that is free of electromagnetic source, vibration, moisture, and dust.
2. Make sure the ventilation openings on the switch are not blocked.
3. Use CAT5 or 6 UTP/STP cables.
4. AC input (100~240V/AC, 50~60Hz, 5A)

### CONNECTION

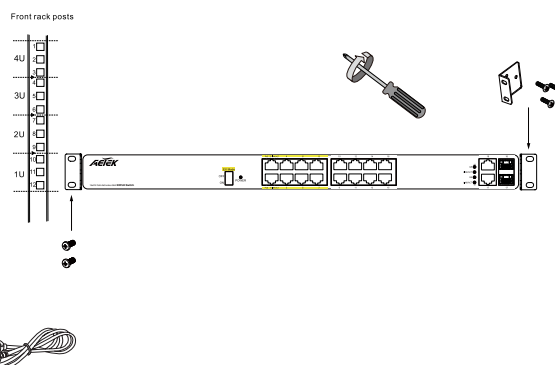
#### Front Panel



#### Rear Panel



The switch already comes with lightning protection mechanism. You can also ground the switch through the PE (Protecting Earth) cable of AC cord or with Ground Cable.



### EX mode DIP switch

<b>EX ON</b>	Ports 1 ~ 8 up to 250m PoE distance. When enabled, each port is isolated, but is linked to the uplink ports.
<b>EX OFF</b>	Normal communication for ports 1 ~ 18

- EX mode in 802.3af(15.4): camera connection up to 250m@10Mbps via EXPoE ports
- EX mode in 802.3at(24W): camera connection up to 200m@10Mbps via EXPoE ports

Restart the switch after changing the Extensive mode.

#### \*Effect factors

1. Must connect at PoE PD
2. Poor cabling quality with insufficient copper
3. IP camera's networking design could not support 10Mbps@250m transmission

#### \*\*Suggestion

Checking the interoperability reaching 10Mbps@250m before physical deployment  
Adjust to "EX Mode OFF" reaching 10/100Mbps@100m if "EX Mode ON" is fail.

### LED DEFINITIONS

<b>POWER</b>	Orange ON	Power is on and normal.
	Orange Off	Power is off.
<b>Link/Act</b>	Green ON	Ethernet port is connected.
	Green Off	No connection
	Green Blinking	Data is being transmitted or received.
<b>GbE</b>	Green ON	Link speed at 1000Mbps.
	Green Off	Link speed at 10/100Mbps.
<b>PoE</b>	Orange ON	Port is linked to a powered device.
	Orange Off	No device is connected.
	Orange Blinking	Abnormal power supply is detected.