

Quick Installation Guide

INTRODUCTION

The AW-FGT-180P-250 is a 16 port 10/100 BaseT unmanaged PoE switch capable of feeding 15.4W/30W to PoE Devices. It comes with 2 x GbE combo ports. The switch is capable of a total of 250W PoE power budget.

PACKAGE CONTENTS

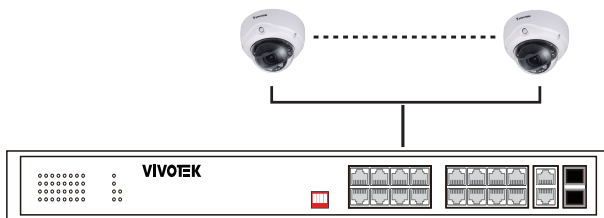
* 1x PoE switch	* 1x Quick Installation Guide
* 1x power cord (type by the shipped-to area)	* 1x rack mount bracket kit

⚠ IMPORTANT:

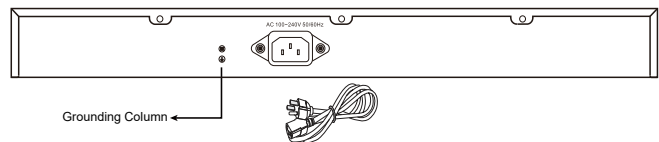
1. Install the PoE switch in a ventilated and dry place that is free of electromagnetic source, vibration, moisture, and dust.
2. Make sure the ventilation openings on the switch are not blocked.
3. Make sure to use Cat. 6 AWG 23 or better RJ45 cable when it's longer than 100m.
Low quality cables will seriously limit the cabling distance.
4. AC input (100~240V/AC, 50~60Hz), for a max. power consumption of 270W.
5. The operating temperature is from 0°C ~ 45°C.

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.

DIP Switch

1	Adaptive 250M	When you enable Adaptive 250M, all the PoE ports can support to use RJ45 cable up to 250m. The PoE port can detect the cable length and adjust the data rate automatically. When the cable is shorter than 100m, it will support 100Mbps automatically, when the cable is longer than 100m, it will support 10Mbps automatically.
2	VLAN	When you enable VLAN, Port 1 to 4 will be isolated from each other but still can communicate with uplink port 5 and 6. It can help to stop broadcast storm and increase forwarding rate.
3	Video QoS	When you enable Video QoS and connect VIVOTEK camera, the video streaming packets will be the first priority to make sure video streaming smoothly if the network traffic is high.
4	PD Alive	When you enable PD Alive, PoE ports will detect the traffic of PoE device. When there is no traffic in 90 seconds, the PoE port will turn off/on PoE to reboot the PoE device as self-healing.

LED DEFINITIONS

PWD	Green ON	Power is on and normal
SYS	Green ON	Blink: system works properly
	Green OFF	Solid: hardware doesn't work properly
Link/Act	Green ON	Blink: port is connected with data transmission
	Green ON	Solid: port is connected without data transmission
PoE ports	Amber ON	The PoE port is connected with a PD and providing PoE power

All specifications are subject to change without notice.
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