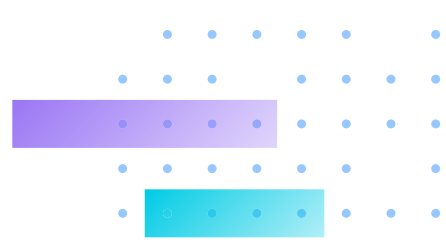


# AW-FGT-180F-250

## 16xFE PoE + 2xGbE Combo Unmanaged Switch

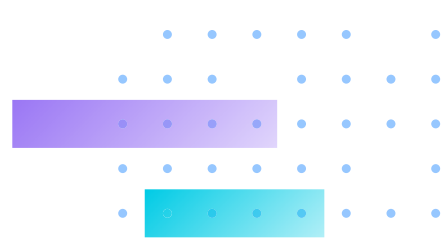
- 15.4W/30W 802.3af/802.3at Compliant
- 6KV PoE Surge Protection in Each Port
- 4KV AC Surge Protection
- 20% Range of Input Voltage Tolerance (280VAC 4hrs, 300VAC 1 min)
- Circuit Protection Prevents Power Interference between Ports
- Extended PoE Mode Reaches 802.3af/at Camera up to 250m@10Mbps via EX PoE Ports





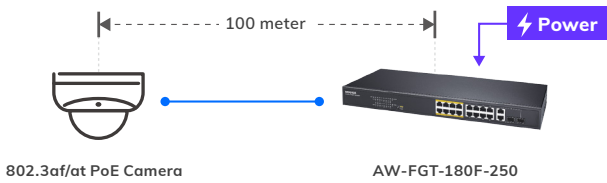
# Technical Specifications

Model	AW-FGT-180F-250
Short Highlight	16xFE PoE + 2xGbE Combo
<b>Networking Specifications</b>	
10/100 Mbps RJ45 PoE Port	16
Gigabit RJ45/SFP Combo Ports	2
EX Mode PoE (250M@10Mbps)	8
VLAN mode	Supported
<b>Ethernet Performance</b>	
Switching Capacity	7.2 Gbps
Mac Table	16 K
Jumbo Frames	1,536 Bytes
Auto-MDI/MDI-X, Auto-Negotiation	Supported
<b>Power Specifications</b>	
Power Input Voltage	100VAC ~ 240VAC 280VAC 4Hr, 300VAC 1min
Max. PoE Output Power	Per Port 54VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output
Power Budget	250W
IEEE 802.3af/at	Supported
Power Pin Assignment	1/2(+), 3/6(-)
PoE PD Auto Detection	Supported
PoE Surge Protection	6KV
AC Surge Protection	4KV
<b>General</b>	
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)
Operating Humidity	10% to 90% non-condensing
Dimensions	440 (L) x 207 (W) x 44 (H) mm
Weight	2.93 KG
Warranty	24 Months
<b>Certifications</b>	
EMC	CE, UKCA, FCC, VCCI, C-Tick Class A
Safety	EN62368-1, IEC62368-1

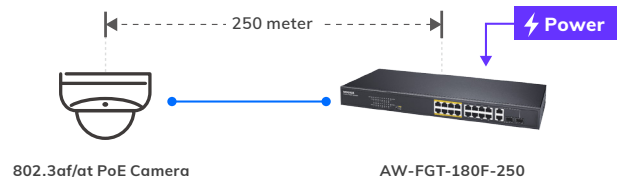


# Application

## • ST Mode



## • EX Mode



### Range Guide

802.3af/at PoE IP Camera

### EX Port @ EX Mode

250M @ 10Mbps

### Any Port @ ST Mode

100M @ 100Mbps

\*EX Mode: Cat.6 or better UTP/STP cable is highly recommended. Low quality cables will seriously limit the cabling distance.

# Compatible Accessories

## SFP Transceiver



SFP-1000-MM85-X5  
1.25G, MMF, 0.5km



SFP-1000-MM13-02  
1.25G, MMF, 2km



SFP-1000-SM13-10  
1.25G, SMF, 10km



SFP-1000-SM13-40  
1.25G, SMF, 40km