



AW-FCT-050A-250 4 ports Unmanaged EPoC Switch

Quick Installation Guide

INTRODUCTION

Model	Power Source	Description
AW-FCT-050A-250	100~240VAC and 56VDC	EPoC RX Switch, 4x BNC, 1x GbE RJ45, 100-240VAC Input, 0°C~50°C

PACKAGE CONTENTS

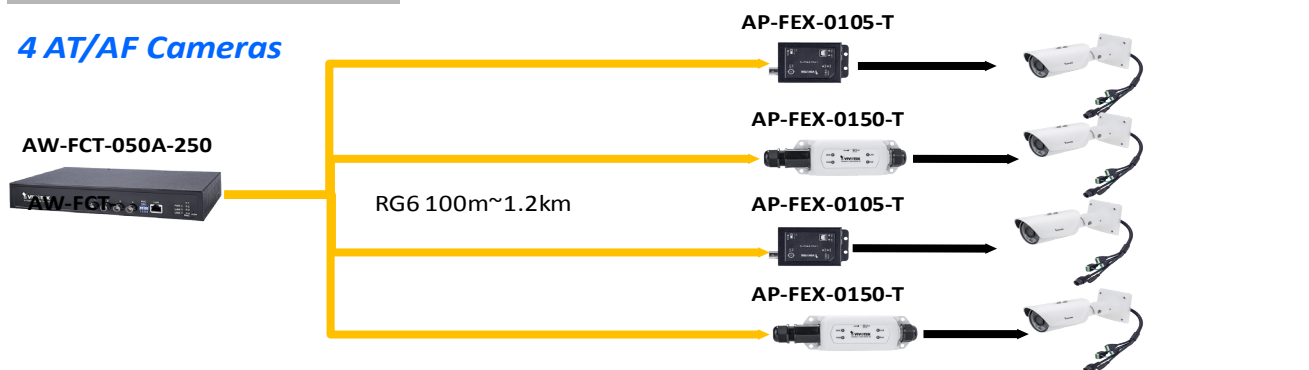
* 1x EPoC RX Switch	* 1x Quick Installation Guide
* 2x rack mount ears	* 1x power cord (type by the shipped-to area)

⚠ IMPORTANT:

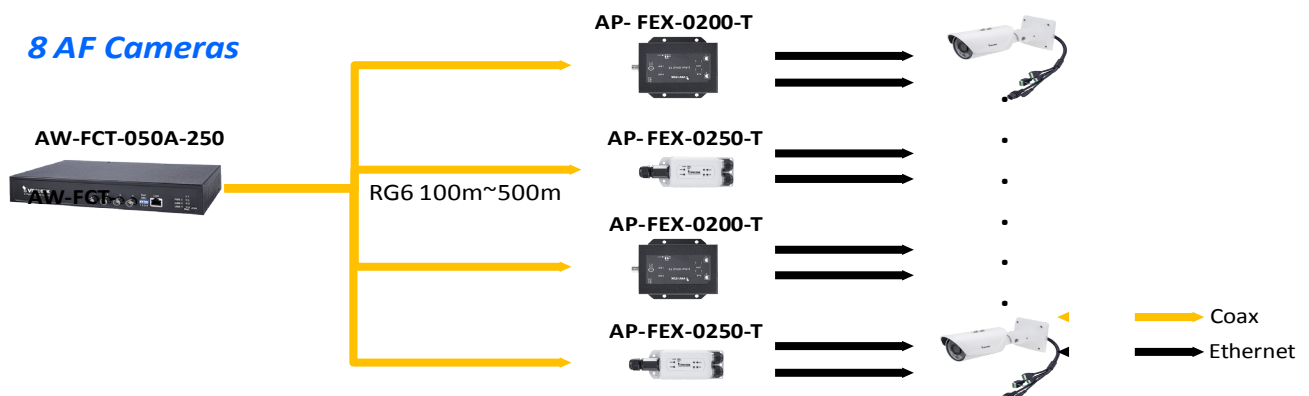
1. Install the EPoC RX switch in a ventilated and dry place that is free of electromagnetic source, vibration, moisture, and dust.
2. Make sure the ventilation openings on the switch are not blocked.
3. Use CAT5e or CAT6 UTP/STP cables and RG6 coaxial cables.
4. Please avoid using low quality cables, which will seriously limit the cabling distance and power delivery.
5. AC input (100~240V/AC, 50~60Hz), for a max. consumption of 250W.

CONNECTION

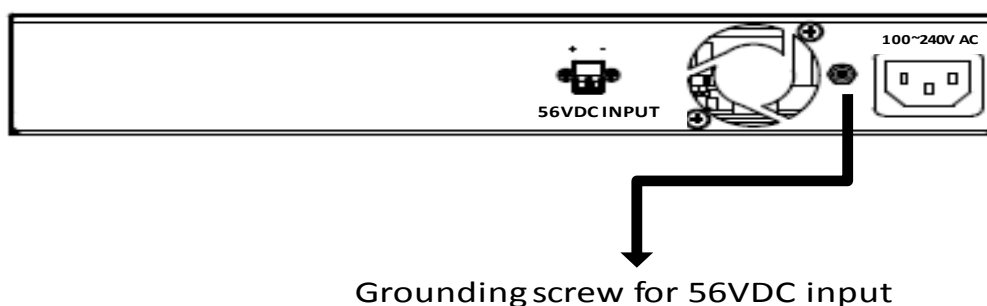
4 AT/AF Cameras



8 AF Cameras



Grounding



Distance/Power Chart

Length of coaxial cable	AP-FEX-0105-T	AP-FEX-0200-T	AP-FEX-0150-T	AP-FEX-0250-T
100m	-	20 W per port	-	20 W per port
300m	26.4W	12 W per port	25.2 W	11.5 W per port
500m	17.48W	8 W per port	17.64 W	8 W per port
800m	12.63W	Data only (100Mbps)	11.76 W	Data only (100Mbps)
1000m	8.84W	Data only (100Mbps)	9.66 W	Data only (100Mbps)
1200m	8.48W	Data only (100Mbps)	7.56 W	Data only (100Mbps)
1200m~2400m	Data only (100Mbps)	Data only (100Mbps)	Data only (100Mbps)	Data only (100Mbps)

NOTE:

1. The numbers comply using RG6 coaxial cables.
2. The length of network cable for camera connection is 1m CAT5e cable.
3. The power delivery will vary on the quality of coaxial cable due to resistance.

LEDs

LAN	Green ON	Ethernet port is connected.
	Green flash	Data is being transmitted or received
	OFF	No connection
PWR	Yellow ON	RX Switch power status
LINK	Green ON	Rx Switch and EPoC TX device connect status
POC	Yellow ON	Power over Coaxial cable status

PoC DIP Switch

DIP#	On	Delivery power output to EPoC TX device
	Off	No power output to EPoC TX device