

Quick Installation Guide

Rev.: 1.1

INTRODUCTION

Model	Power Source	Description
AW-FCT-050A-250	100~240VAC and 56V DC input	EPoC RX switch, 4x BNC, 1x GbE RJ45, 100~240V AC input, -0°C~50°C

PACKAGE CONTENTS

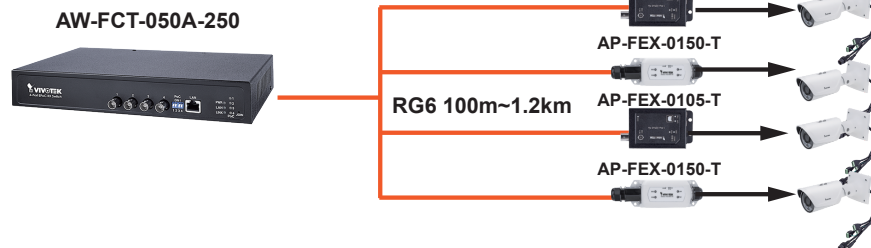
* 1x EPoC RX switch	* 1x Quick Installation Guide
* 2x rack mount ears	* 1x power cord (type by the shipped-to area)

⚠ IMPORTANT:

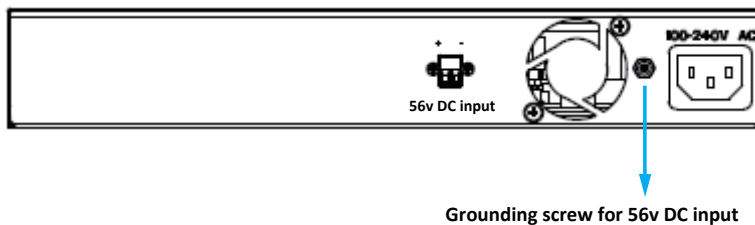
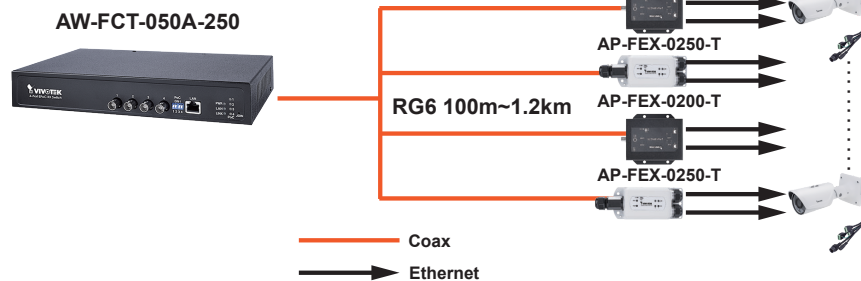
1. Install the EPoC RX switch in a ventilated and dry place that is free of electromagnetic source, vibration, moisture, and dust.
2. Make sure the ventilation openings on the switch are not blocked.
3. Use CAT5e or CAT6 UTP/STP cables and RG6 coaxial cables.
4. Please avoid using low quality cables, 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



Distance/Power Chart

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

DIP Switch

DIP#	ON	Delivering power output to EPoC TX device.
	OFF	No power output to EPoC TX device.



All specifications are subject to change without notice.
Copyright © 2020 VIVOTEK INC. All rights reserved.

VIVOTEK INC.
6F, No.192, Lien-Cheng Rd., Chung-Ho, New Taipei City, 235, Taiwan, R.O.C.
[T: +886-2-82455282] [F: +886-2-82455332] [E: sales@vivotek.com]

VIVOTEK USA, INC.
2050 Ringwood Avenue, San Jose, CA 95131
[T: 408-773-8686] [F: 408-773-8298] [E: salesusa@vivotek.com]

VIVOTEK Europe
Zandsteen 15, 2132 MZ Hoofddorp Delta Electronics
T: +31 (0)20 800 3817 E: saleseurope@vivotek.com