

### INTRODUCTION

AP-FXC-0110: 1 PoE IN - to - 1 PoE OUT.

AP-FXC-0210: 1 PoE IN - to - 2 PoE OUT.

The AP-FXC-0110/0210 is a PoE extender capable of receiving 95W power from PSE. Multiple extenders can be cascaded to increase the cabling distance.

### PACKAGE CONTENTS

- |                   |                               |
|-------------------|-------------------------------|
| • 1x PoE extender | • 1x Quick Installation Guide |
|-------------------|-------------------------------|

### ⚠ IMPORTANT:

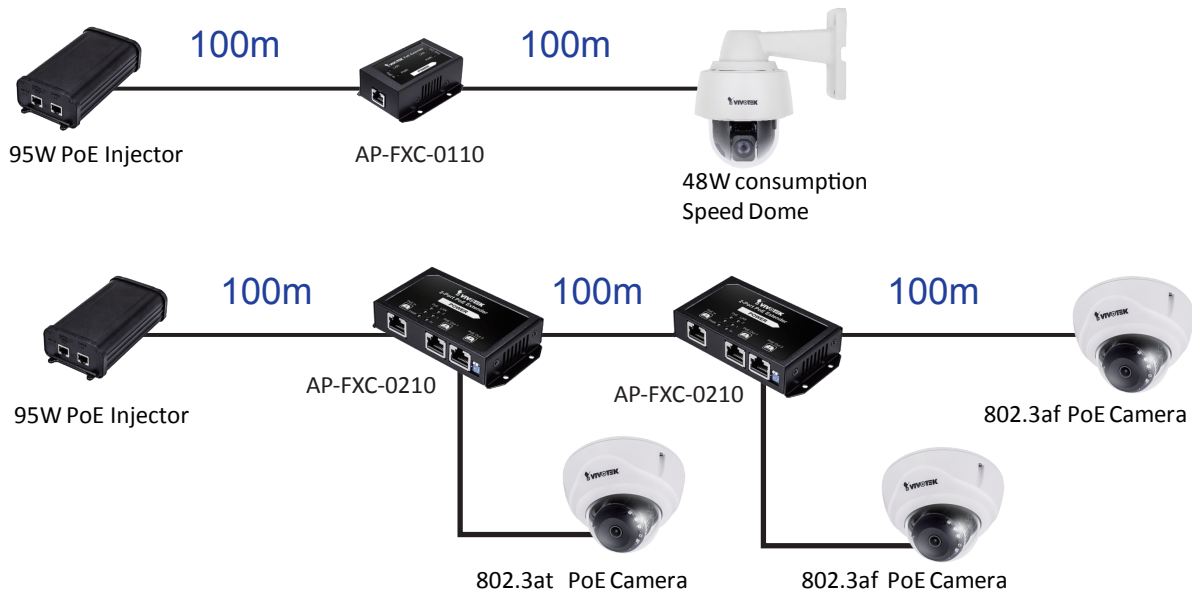
1. Install the device in a ventilated and dry place, that is free of electromagnetic source, vibration, moisture, and dust.
2. Make sure the ventilation openings on the extender are not blocked.
3. Use CAT5 or 6 UTP/STP cables. Avoid using low-quality cables, which will seriously limit the cabling distance.

### CONNECTION

Following are the conditions for making the cabling:

1. Use 18~19Ω, 24AWG CAT5 cables.
2. Typical VIVOTEK cameras stream size feature = 1080p@30fps - 6Mbps; 720p@30fps - 3Mbps.  
Make sure the combined bandwidth consumption does not exceed the uplink bandwidth from the PoE switch.

NOTE: There are power losses due to cable resistance.



### LED DEFINITIONS

<b>PoE IN</b>	Green ON	LAN: Data is being transmitted or received.
	Yellow ON	PWR: PoE IN port is connected to PSE.
	OFF	No connection.
<b>Power OUT#</b>	Green ON	LAN: Data is being transmitted or received.
	Yellow ON	PWR: PoE OUT port is connected to PD.
	OFF	No connection.

### DIP SWITCH DEFINITIONS

<b>DIP#</b>	ON	Turn on PoE output for the PoE out port.
	OFF	Turn off PoE output for the PoE out port.

Note: For the AP-FXC-0110, DIP 1 is not functional.

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