

INTRODUCTION

The AP-FXC-0400 is a PoE extender capable of feeding 15.4/30W power to powered devices for a distance of up to 200 meters.

PACKAGE CONTENTS

• 1x PoE extender	• 1x Quick Installation Guide
• 1x Wall mount kit	• rubber pads

⚠ 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:

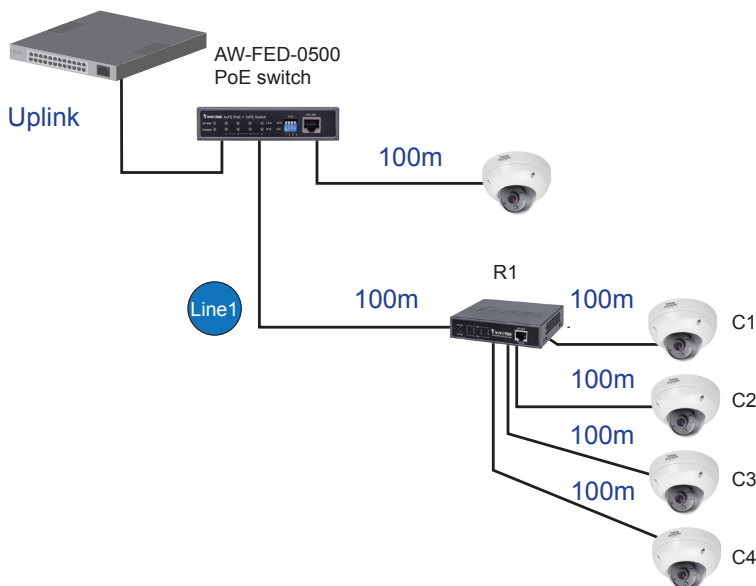
1. Use 18~19Ω, 24AWG CAT5 cables.
2. Typical VIVOTEK cameras stream size feature = 1080p@30fps - 6Mbps; 720p@30fps - 3Mbps.
Make sure the combined bandwidth consumption does not exceed the uplink bandwidth from the PoE switch.
3. The transaction on the PoE extender consumes 2W of power. Therefore, on Line1, the total power requirement is: $C1+C2+C3+C4+R1^{**}+(5W^{***} \times 5)$.

If every camera consumes 5W, the total consumption is 47W.

* Cn = camera consumption,

** Rn = extender consumption, 2W.

*** A typical 100 meters connection induces a 5W power loss due to resistance.



LED DEFINITIONS

Uplink	Green ON	Uplink is connected.
	Fast flashing	Ethernet uplink activities at 100Mb/s.
	Slow flashing	Ethernet uplink activities at 10Mb/s.
POWER	Green ON	Power link is connected from the PoE source.
	Green OFF	Power is off.
LAN	Green ON	Each LAN port is connected.
	Fast blinking	Ethernet uplink activities at 100Mb/s
	Slow blinking	Ethernet uplink activities at 10Mb/s
PoE	Green ON	Power over Ethernet is enabled.
	OFF	PoE is disabled. Working as a regular LAN port.

All specifications are subject to change without notice.
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