

INTRODUCTION

AP-GXC-0100: 1 PoE IN - to - 1 PoE OUT.
AP-GXC-0200: 1 PoE IN - to - 2 PoE OUT.

The AP-GXC-0100 & AP-GXC-0200 is a Gigabit PoE Extender capable of receiving 30W/60W/90W power from PSE. Multiple extenders can be cascaded to increase the cabling distance.

PACKAGE CONTENTS

• 1x PoE Extender	• 1x Quick Installation Guide
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⚠ 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 CAT.5e or 6 UTP/STP cables. Avoid using low-quality cables, which will seriously limit the cabling distance.

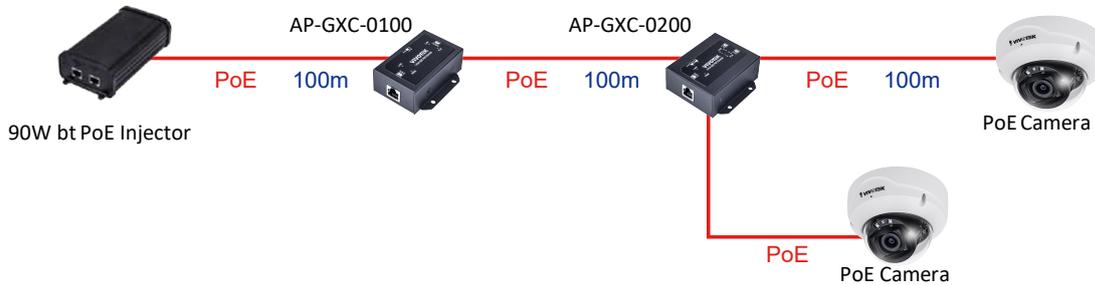
CONNECTION

Following are the conditions for making the cabling:

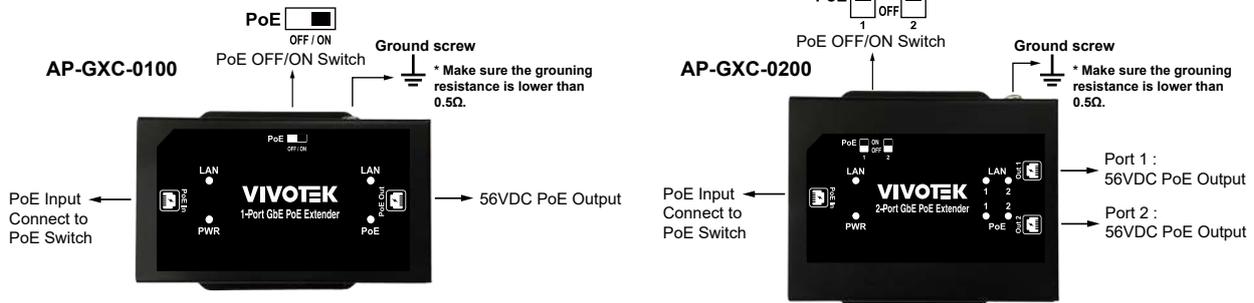
1. Use 18~19Ω, 24AWG CAT.5e cables.
2. Typical cameras stream size feature = 1080p@30fps - 6Mbps; 720p@30fps - 3Mbps.

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.



INSTALLATION



LED DEFINITIONS

PWR	Green ON	PoE IN port is connected to PSE.
	OFF	No PoE IN connection.
PoE	Green ON	Power over ethernet cable status
	OFF	Ethernet cable no Power
LAN	Green ON	Data link is detected.
	Green Flashing	Data is being transmitted or received.
	OFF	Link is not detected.

PoE DIP SWITCH DEFINITIONS

AP-GXC-0100

DIP#	ON	Turn on PoE output for the PoE out port.
	OFF	Turn off PoE output for the PoE out port.

AP-GXC-0200

Pin 1	ON	Port 1 Turn on PoE output
	OFF	Port 1 Turn off PoE output
Pin 2	ON	Port 2 Turn on PoE output
	OFF	Port 2 Turn off PoE output

If the device that is going to be connected to this extender is not PoE PD, please turn off the PoE output function.