

GV-POEX0100 One-Port PoE Extender



- 10/100 PoE extender □
- PoE (IEEE 802.3af) and PoE+ (IEEE 802.3at) compliant □
- Extension up to 600 m (1,968.5 ft) using 5 GV-POEX0100 □
- Compatible with GV-IP Cameras □
- No additional power supply required □
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Introduction □

GV-POEX0100 is a single-port, 10/100 PoE extender that can extend the distance between a PoE switch and a GV-IP Camera by 100 m (328.08 ft) for every extender installed. They can be serially connected, with no additional power supply, to transmit power and data to a GV-IP Camera as far as up to 600 meters (1,968.5 ft) away from a PoE switch. □

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Requirements

The maximum distance allowed between a PoE switch and a GV-IP Camera depends on the PoE switch type, PoE power output of the connected device (PD) and the type of power supply. These can be summarized below. □

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GV-IP Cameras Powered by PoE □

PD of GV-IP Cameras □	Brand & Model □		
	GeoVision □		Third-Party PoE Switches □ (IEEE 802.3at) □
	GV-POE0801 / 0811 □ GV-POE1601 / 1611 □ GV-POE2401 / 2411 □	GV-POE0400 □ GV-POE0800 □ GV-POE0810 □	
PD ≤ 6.49 W □ (IEEE 802.3af) □	600 m (1,968.5 ft) □	400 m (1,312.34 ft) □	400 m (1,312.34 ft) □
PD 6.5 W ~ 12.95 W □ (IEEE 802.3af) □	400 m (1,312.34 ft) □	200 m (656.17 ft) □	200 m (656.17 ft) □
PD 13 W ~ 25.5 W □ (IEEE 802.3at) □	200 m (656.17 ft) □	- □	- □
PD > 25.5 W □	- □	- □	- □

Note: □

1. Each GV-POEX0100 extends another 100 m (328.08 ft) between the PoE switch and the GV-IP Camera. Therefore, a distance of 200 m requires one GV-POEX0100 and 400 m (1,312.34 ft) requires three etc. □
2. GV-POE0100 can only be connected using CAT-5e cables, TIA/EIA-568-B, with the maximum DC resistance of 9.38 ohms/100 m. □

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Brand & Model □	GeoVision □		Third-Party PoE Switches □ (IEEE 802.3at) □
		GV-POE0801 / 0811 □ GV-POE1601 / 1611 □ GV-POE2401 / 2411 □	GV-POE0400 □ GV-POE0800 □ GV-POE0810 □
GV-IP Cameras □	600 m (1,968.5 ft) □	400 m (1,312.34 ft) □	400 m (1,312.34 ft) □

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Compatibility □

1. GV-POEX0100 is only compatible with third-party switches that comply to PoE+ (IEEE 802.3at) and is not compatible with GV-PA191/481/482/901.
2. GV-POEX0100 supports all GV-IP Cameras when installed with a power adapter and does not support the following models when powered by PoE □
 - GV-BX2510-E / 5310-E □
 - GV-FE3403 / 5303 □
 - GV-VD2540-E / 5340-E □
 - GV-SD220 / 220-S □
3. GV-POEX0100 is only compatible with the following GeoVision PoE switches of the indicated firmware versions: □
 - GV-POE0801 / 1601 / 2401 (V1.03 or later) □
 - GV-POE0811 / 1611 / 2411 (V1.01 or later) □

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Specifications □

Ports □	
Network Standard □	10/100Mbps half/full duplex □
Connectors □	RJ-45 □
Network cables □	Cat 5e or higher □
Mechanical □	
LED Indicator □	4 LEDs: Power (x2), Network (x2) □ Power indicator: PoE enable (Amber) □ Network indicator: Link (Green), Activity (Green Blink) □
PoE Control Button □	On / Off □
General □	
Operating Temperature □	-10°C ~ 50°C (14°F ~ 122°F) □
Humidity □	10% to 90% (no condensation) □
Environment □	Indoor □
Dimensions (L x W x H) □	102.8 x 28.8 x 20 mm (4.05" x 1.13" x 0.79") □
Weight □	87g (0.19lb) □
Regulatory □	CE, FCC Class A □

Note: Specifications are subject to change without notice. □

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Packing List □ □

1. GV-POEX0100 □
2. Screw (x) 2 □
3. Screw anchor (x) 2 □
4. GV-POEX0100 Installation Guide □

