INTRODUCTION

E29-101: 1 PoE IN - to - 1 PoE OUT.
E29-102: 1 PoE IN - to - 2 PoE OUT.
The E29-101/102 is a PoE extender capable of receiving 30W/60W/95W power from PSE. Multiple extenders can be cascaded to increase the cabling distance.

PACKAGE CONTENTS

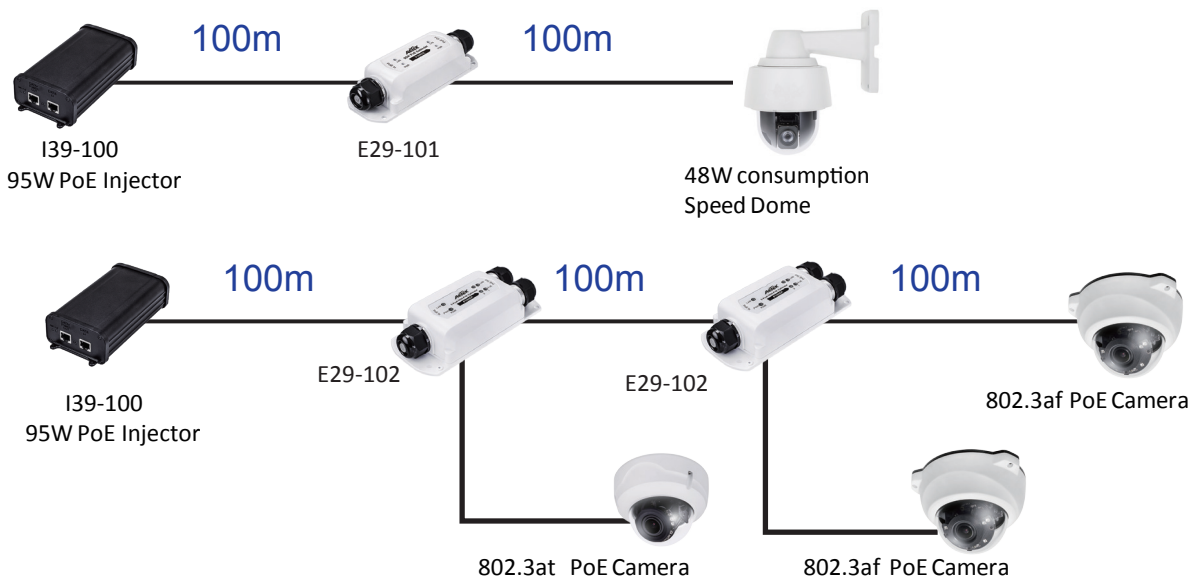|	
• 1x PoE extender	• 1x Quick Installation Guide

⚠ 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 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.

100m

100m

I39-100
95W PoE Injector

E29-101

48W consumption
Speed Dome

100m

100m

100m

I39-100
95W PoE Injector

E29-102

E29-102

802.3af PoE Camera

802.3at PoE Camera

802.3af PoE Camera

LED DEFINITIONS

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

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

Note: For the E29-101, DIP 1 is not functional.