

# E59-102/E69-102

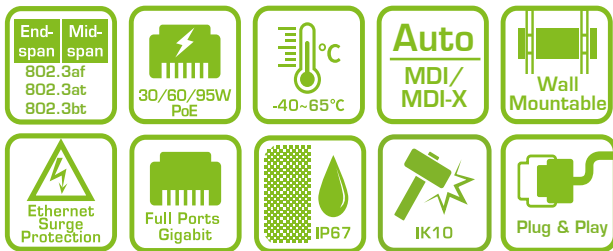


E59-102



E69-102

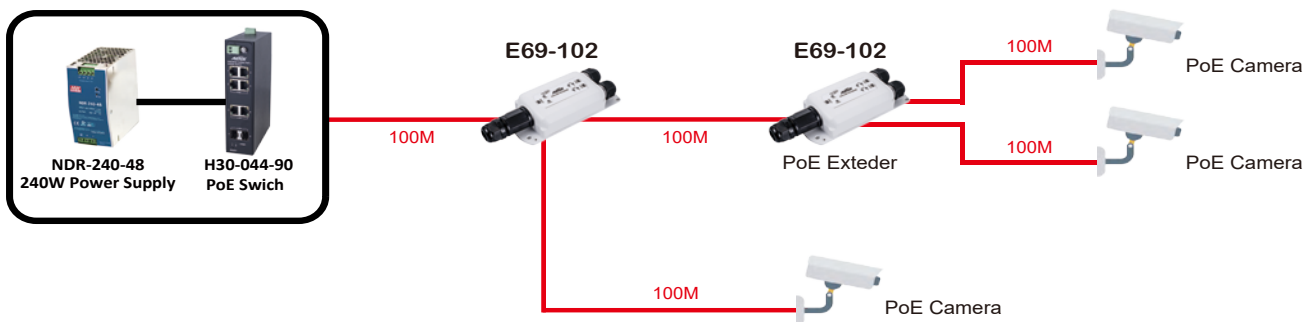
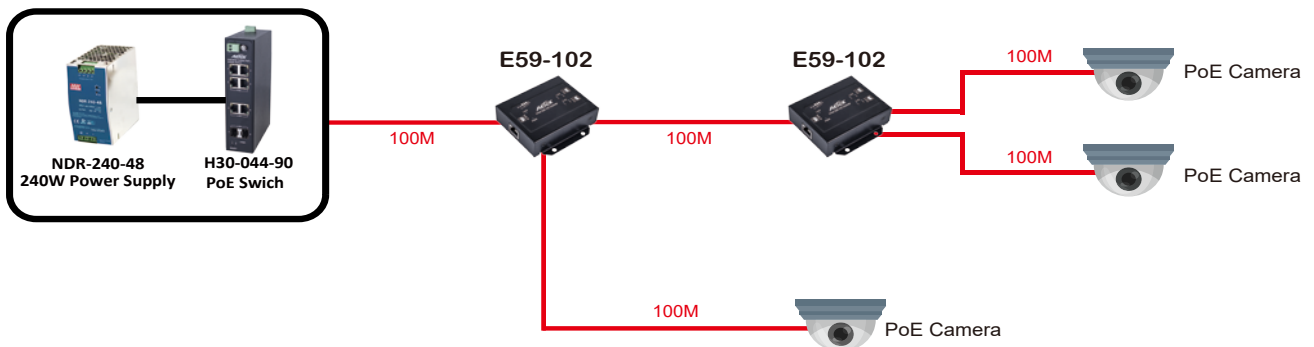
Indoor/Outdoor 30W/60W/95W PoE bt  
GbE Extender



## Features

- Supported PSEs providing 95W/60W/30W PoE
- Drives the reach beyond restricted 100m Ethernet distance
- Eliminates intermediate PoE switches & redundant Ethernet cables
- Powered by single PSE w/o local power required

## Applications



PoE(Data + 54VDC Power) ●—●  
Power ●—●

## Specifications

	E59-102	E69-102
<b>Networking Specifications</b>		
Total Gigabit Ethernet Ports	3	3
PD GbE Ethernet (RJ45)	1	1
PSE GbE Ethernet (RJ45)	2	2
Mac Table	4K	4K
Flow Control	Supported	Supported
Switching Capacity	6Gbps	6Gbps
Auto-MDI/MDI-X, Auto-Negotiation	Supported	Supported
Jumbo Frames	9,216 Bytes	9,216 Bytes
<b>Power Specifications</b>		
Extension Distance	2 Units, Daisy-chain Installation Up to 500M Extension (No Local Power Required)	2 Units, Daisy-chain Installation Up to 500M Extension (No Local Power Required)
Unit Power Consumption	4W	4W
PD Input Power	50~57VDC, max. 72W	50~57VDC, max. 72W
PSE Output Power	44~55VDC, max. 68W	44~55VDC, max. 68W
PD Power Pin Assignment	1/2 (+), 3/6 (-); 4/5 (+), 7/8 (-)	1/2 (+), 3/6 (-); 4/5 (+), 7/8 (-)
PSE Power Pin Assignment	1/2 (+), 3/6 (-); 4/5 (+), 7/8 (-)	1/2 (+), 3/6 (-); 4/5 (+), 7/8 (-)
PSE Power On/Off Dip Switch	v	v
Surge Protection /each PoE Port	6KV	6KV
<b>Mechanical Specifications</b>		
Dimensions (WxHxD)	87 x 86.5 x 28 mm	167.5 x 72.8 x 39.8 mm
LED Indicators	Power, LAN, PoE	Power, LAN, PoE
Weight	0.2KG	0.36KG
<b>Environmental Specifications</b>		
Weather Rating	-	IP67
Vandal Proof	-	IK10
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)	-40°C ~ 65°C (-40°F ~ 149°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	10% to 90% non-condensing	10% to 90% non-condensing
<b>Certifications</b>		
EMC	CE, FCC, VCCI, C-Tick	CE, FCC, VCCI, C-Tick
Surge	IEC-61000-4-5	IEC-61000-4-5

## Ordering Information

GbE PoE Extender			
	<b>E59-102</b> • Indoor 2-Port GbE PoE Extender		<b>E69-102</b> • Outdoor 2-Port GbE PoE Extender

## Related Product

### Outdoor PoE Switches

Outdoor Unmanaged PoE Switch		Outdoor L2 Plus Managed PoE Switch	
	<b>H40-044-30-150</b> <ul style="list-style-type: none"> <li>4xGbE 30W PoE + 2xGbE SFP + 2xGbE RJ45</li> <li>100-240VAC, 150W Power Budget</li> </ul>		<b>H80-044-30-150</b> <ul style="list-style-type: none"> <li>4xGbE 30W PoE + 2xGbE SFP + 2xGbE RJ45, 1xConsole, 1xDI/DO</li> <li>100-240VAC, 150W Power Budget</li> </ul>
	<b>H40-082-30-250</b> <ul style="list-style-type: none"> <li>8xGbE 30W PoE + 2xGbE SFP</li> <li>100-240VAC, 250W Power Budget</li> </ul>		<b>H80-084-30-250</b> <ul style="list-style-type: none"> <li>8xGbE 30W PoE + 4xGbE SFP, 1xConsole, 1xDI/DO</li> <li>100-240VAC, 250W Power Budget</li> </ul>
	<b>H40-044-60-250</b> <ul style="list-style-type: none"> <li>4xGbE 60W PoE + 2xGbE SFP + 2xGbE RJ45</li> <li>100-240VAC, 250W Power Budget</li> </ul>		<b>H80-044-60-250</b> <ul style="list-style-type: none"> <li>4xGbE 60W PoE + 2xGbE SFP + 2xGbE RJ45, 1xConsole, 1xDI/DO</li> <li>100-240VAC, 250W Power Budget</li> </ul>

### Industrial PoE Switches

Industrial PoE Switch		Industrial L2 Plus Managed PoE Switch	
	<b>H30-044-30</b> <ul style="list-style-type: none"> <li>4xGbE 30W PoE + 2xGbE SFP + 2xGbE RJ45</li> <li>48-56VDC</li> </ul>		<b>H70-044-30</b> <ul style="list-style-type: none"> <li>4xGbE 30W PoE + 2xGbE SFP + 2xGbE RJ45, 1xConsole, 1xDI/DO</li> <li>48-56VDC</li> </ul>
	<b>H30-082-30</b> <ul style="list-style-type: none"> <li>8xGbE 30W PoE + 2xGbE SFP</li> <li>48-56VDC</li> </ul>		<b>H70-084-30</b> <ul style="list-style-type: none"> <li>8xGbE 30W PoE + 4xGbE SFP, 1xConsole, 1xDI/DO</li> <li>48-56VDC</li> </ul>
	<b>H30-044-90</b> <ul style="list-style-type: none"> <li>4xGbE 90W/60W PoE + 2xGbE SFP + 2xGbE RJ45</li> <li>48-56VDC</li> </ul>		<b>H70-044-60</b> <ul style="list-style-type: none"> <li>4xGbE 60W PoE + 2xGbE SFP + 2xGbE RJ45, 1xConsole, 1xDI/DO</li> <li>48-56VDC</li> </ul>

### Indoor / Outdoor PoE Injectors

Indoor PoE Injector		Outdoor PoE Injector	
	<b>I36-100</b> <ul style="list-style-type: none"> <li>1xGbE 60W PoE Injector</li> <li>100-240VAC</li> </ul>		<b>I46-100</b> <ul style="list-style-type: none"> <li>1xGbE 60W PoE Injector</li> <li>100-240VAC</li> </ul>
	<b>I39-100</b> <ul style="list-style-type: none"> <li>1xGbE 95W PoE Injector</li> <li>100-240VAC</li> </ul>		<b>I49-100</b> <ul style="list-style-type: none"> <li>1xGbE 95W PoE Injector</li> <li>100-240VAC</li> </ul>
	<b>I69-100</b> <ul style="list-style-type: none"> <li>Industrial 1xGbE 95W PoE Injector</li> <li>48-56VDC</li> </ul>		