E69-101
E69-102

Outdoor 30W/60W/90W bt PoE Gigabit Extender



E69-101



E69-102

End-span 802.3af 802.3at 802.3bt | Mid-span 802.3af 802.3at 802.3bt | 30/60/90W PoE | Plug & Play | Wall Mountable | Auto MDI/MDI-X | Ethernet Surge Protection | IP67 | IK10 | -40~65°C | Full Ports Gigabit

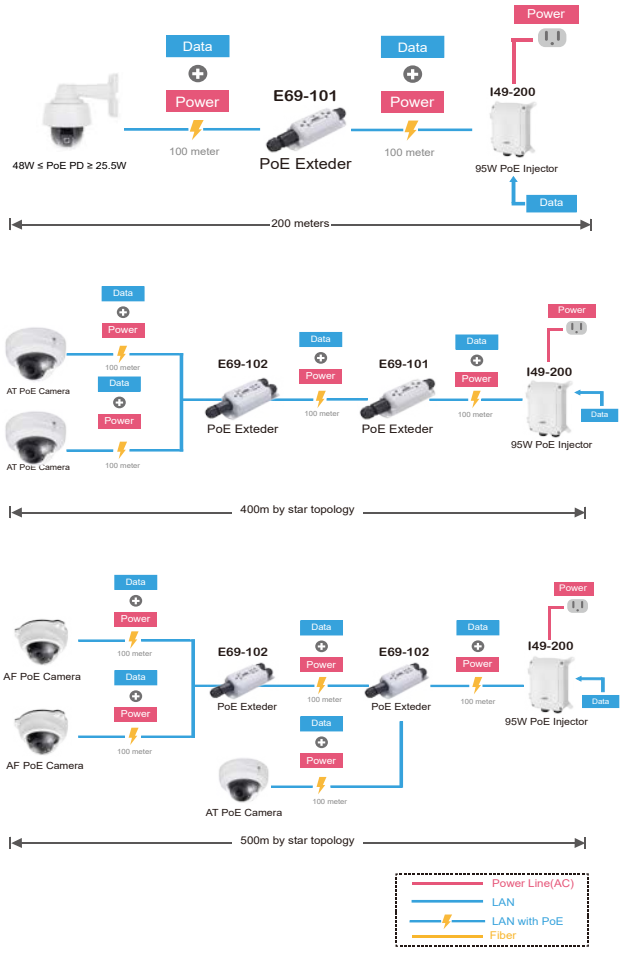
The E69 series is IP67-rated & harden-graded PoE Extender, operating temperature from -40°C ~65°C. It's ideal for harsh outdoor environment where two units of E69 can be daisy-chain to prolong range of PoE devices such as PoE cameras, wireless APs reaching up to 300m from end to end or up to 500m by star topology.

No power adapter required, E69 PoE Extender is powered by PoE Injector, Middle-Span Hub, or PoE switch over one networking cable extending Ethernet range depending on PD's power consumptions and PSE's power budget per port.

Features

- Saves costs of re-wiring and add-on Ethernet switches
- Plug-and-Play installation
- 6KV surge protection
- Drives the reach beyond restricted 100m Ethernet distance
- Supported PSEs providing 90W/60W/30W
- Daisy-chain 2 units of E69-101 reaching 300m from end to end
- Daisy-chain 2 units of E69-102 reaching 500m by star topology
- Complete unit does not require power adapter
- Extends range up to 200m for outdoor speed dome requiring 48W
- IP67 / IK10

Applications



Technical Specifications -Hardware

	E69-101	E69-102
Networking Specifications		
Total Gigabit Ethernet Ports	2	3
Mac Table	2 k	2 k
Bandwidth	10/100/1000Mbps	10/100/1000Mbps
Switching Capacity	4 Gbps	6 Gbps
Auto-MDI/MDI-X, Auto-Negotiation	Supported	Supported
Power Specifications		
Extension Distance	2 Units, Daisy-chain Installation Up to 300M Extension	2 Units, Daisy-chain Installation Up to 500M Extension
PD Input Power	50~57VDC, max. 70W	50~57VDC, max. 70W
PSE Output Power	44~55VDC, max. 68W Passive PoE (Compliant IEEE 802.3af PoE)	44~55VDC, max. 68W Passive PoE (Compliant IEEE 802.3af PoE)
PD Power Pin Assignment	1~8 Pin	1~8 Pin
PSE Power Pin Assignment	12(-),36(+),45(+),78(-)	12(-),36(+),45(+),78(-)
PD Gigabit Ethernet Ports (RJ45)	1	1
PSE Gigabit Ethernet Ports (RJ45)	1	2
PSE Power On/Off Dip Switch	Support	Support
Surge Protection /each PoE Port	12KV	12KV
Mechanical Specifications		
Dimensions (L x W x H)	157 x 55.8 x 39.75 mm	167.5 x 72.8 x 39.8 mm
LED Indicators	Power, LAN, PoE	Power, LAN, PoE
Weight	0.3KG	0.36KG
Environmental Specifications		
Weather Rating	IP67	IP67
Vandal Proof	IK10	IK10
Operating Temperature	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 65°C (-40°F ~ 149°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	10% to 90% non-condensing	10% to 90% non-condensing
Certifications		
EMC	CE, FCC, VCCI, C-Tick	CE, FCC, VCCI, C-Tick
Surge	IEC-61000-4-5	IEC-61000-4-5

Power Budget / Distance Table

power source	Power Budget			
injector/Switch	E69-101, 200m	E69-102, 200m	E69-101, 300m	E69-102, 300m
15W	11.1W	2 port <= 11.1W	8.7W	2 port <= 8.7W
30W	21.4W	2 port <= 21.4W	20W	2 port <= 20W
60W	46.9W	2 port <= 46.9W	37.1W	2 port <= 37.1W
95W	66.4W	2 port <= 66.4W	37.1W	2 port <= 37.1W

Ordering Information

PoE Extenders			
	**E69-101** • Outdoor 1-Port PoE Extender		**E69-102** • Outdoor 2-Port PoE Extender

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