

# E69-201 E69-202



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E69-202

IP67/IK10 802.3bt PoE++ to 802.3af/at/bt PoE++ Extender



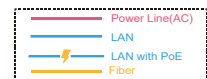
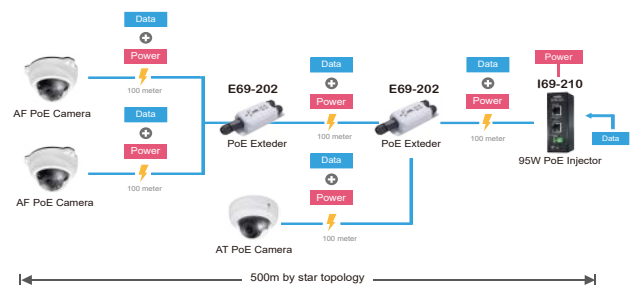
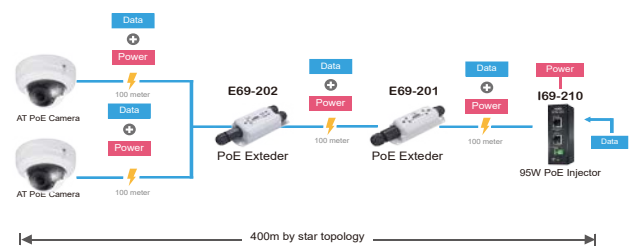
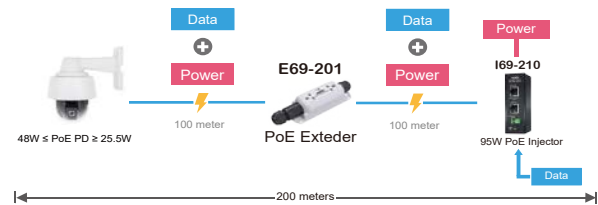
The E69-201 / E69-202 is IP67-rated & harden-graded PoE Extender, operating temperature from -40°C ~65°C. It's ideal for harsh outdoor environment where two units of E69-201 / E69-202 can be daisy-chain to prolong range of PoE devices such as PoE cameras, wireless APs reaching up to 300m from end to end or up to 500m by star topology.

No power adapter required, E69-201 / E69-202 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

- Input Complies with IEEE 802.3bt PoE++ Type 4 standard PD
- Output 802.3bt PoE++ to 802.3af/at/bt PoE++ Extender
- Backward compatible with IEEE 802.3at PoE+ end-span or mid-span PD
- Supports PoE input power up to 90 watts
- Auto detects powered device (PD)
- Extends the range of PoE to an additional 100 meters (328ft.)
- Forwards both Ethernet data and PoE power to remote device
- IP67 standard
- IK10 impact rated cast aluminum housing Wall-mount design
- Supports 6KV DC Ethernet ESD protection
- -40 to 75 degrees C operating temperature
- No external power cable required for installation
- Plug and Play installation



## Applications



## Technical Specifications -Hardware

|                                     | E69-201   | E69-202   |
|-------------------------------------|---|---|
| <b>Networking Specifications</b>    |   |   |
| 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   |
| <b>Power Specifications</b>         |   |   |
| Extension Distance                  | 2 Units, Daisy-chain Installation Up to 300M Extension                          | 2 Units, Daisy-chain Installation Up to 500M Extension                          |
| Input PoE PD                        | IEEE 802.3bt PoE++ Type 4 standard PD<br>IEEE 802.3at PoE+ end-span/mid-span PD | IEEE 802.3bt PoE++ Type 4 standard PD<br>IEEE 802.3at PoE+ end-span/mid-span PD |
| Output PoE PSE                      | IEEE 802.3bt PoE++ Type 3 PSE<br>IEEE 802.3at PoE+ PSE<br>IEEE 802.3af PoE PSE  | IEEE 802.3bt PoE++ Type 3 PSE<br>IEEE 802.3at PoE+ PSE<br>IEEE 802.3af PoE PSE  |
| PD Power Pin Assignment             | 12(-),36(+),45(+),78(-) or 12(+),36(-),45(+),78(-)                              | 12(-),36(+),45(+),78(-) or 12(+),36(-),45(+),78(-)                              |
| 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     | 6KV   | 6KV   |
| <b>Mechanical Specifications</b>    |   |   |
| 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  |
| <b>Environmental Specifications</b> |   |   |
| 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   |
| <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

| PoE Extenders   |  |  |  |
|---|--|--|--|
|  | <b>E69-201</b> <ul style="list-style-type: none"> <li>IP67/IK10 1-Port 802.3bt PoE++ to 1-Port 802.3af/at/bt PoE++ Extender</li> </ul> |  | <b>E69-202</b> <ul style="list-style-type: none"> <li>IP67/IK10 1-Port 802.3bt PoE++ to 2-Port 802.3af/at/bt PoE++ Extender</li> </ul> |