



Gigabit PoE Mode Converter



User Manual DN-95130

Description

DN-95130 is a PoE Mode Converter. It can be easily converter the PoE power pin from mode A (1/2/3/5) to mode B (4/5/7/8) or the other way around. No extra power needed. It is most efficient way to resolve PoE power supply problem due to Power PIN support difference.

Based on the actual needs, for example, the PSE end is powered by Mode B 4, 5, 7, and 8 cores, while the PD end requires mode A 1, 2, 3, and 6 to power. Then just using one cable to connect mode B port as marked, and the other end is converted to mode A, and using another cable to connect the PD end.

Remark:

According to the standard of IEEE 802.11 af/IEEE 802.11 at, there are 2 modes for the PoE to supply the power:

Mode A: Powered by cable 1, 2, 3, and 6 cores (End-span)

Mode B: Powered by cable 4, 5, 7, and 8 cores (Mid-span)

Package Content

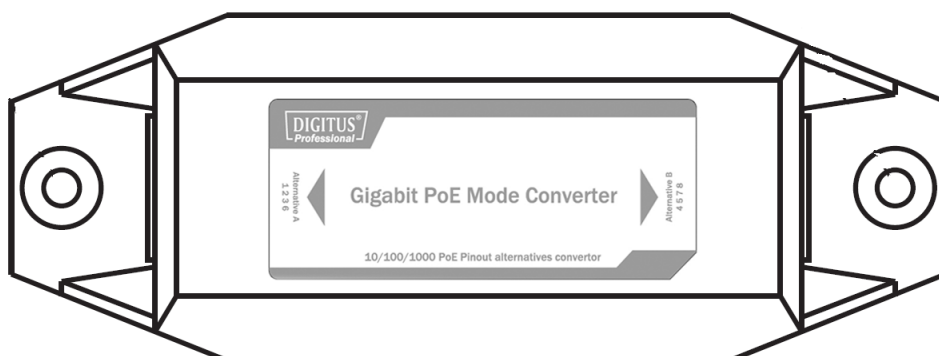
1x PoE Mode Converter

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Installation

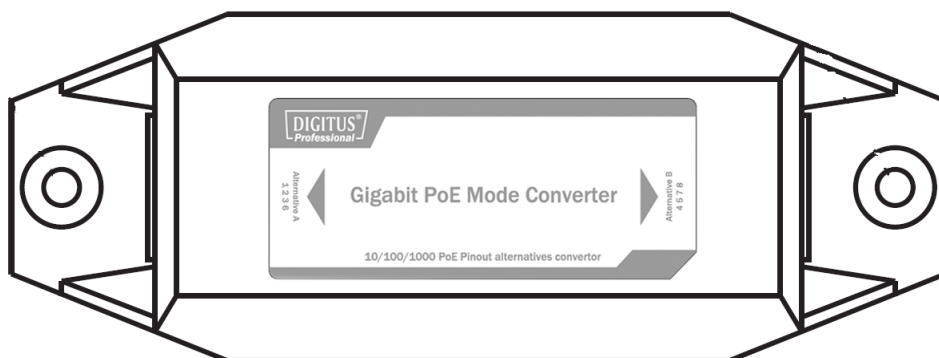
1. Connect PSE PoE cable to corresponding POE mode A (1/2/3/6) or B (4/5/7/8)
2. Connect PD to another side of DN-95130. You will get PoE mode changed.

- **Left to Right** (Change 1/2/3/6 PoE to 4/5/7/8 PoE)



PSE (1/2/3/6) → PoE Mode Convertor → PD (4/5/7/8)

- **Right to Left** (Change 4/5/7/8 PoE to 1/2/3/6 PoE)



PSE (4/5/7/8) → PoE Mode Convertor → PSE (1/2/3/6)

Specification

Model	DN-95130	
Rate	10/100/1000Mbps (based on the rate of the input device)	
POE compatibility	IEEE802.11af	IEEE 802.11at
POE type	PSE	
POE output voltage	48-57VDC (Based on the input voltage)	
POE output power	30W	
POE PIN Assignment	Mode A (1, 2, 3, 6)	Mode B (4, 5, 7, 8)
Housing	ABS	
Dimension	145*60*40mm	
Working Temperature	0-40	
Store Temperature	-40-85	
Environment Temperature	10%-90% RH, No condensation	

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Assmann Electronic GmbH

Auf dem Schüffel 3

58513 Lüdenscheid

Germany

