

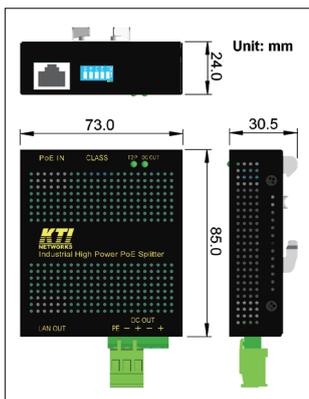


# KPW-T2P25 Ver.B

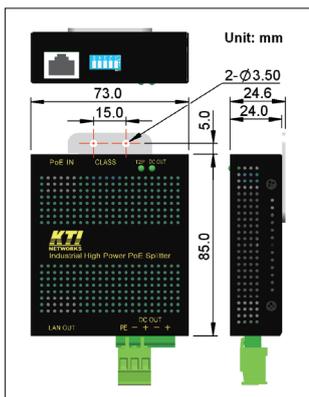


## Industrial IEEE 802.3at High Power PoE Splitters

DIN-Rail Dimension



Panel Dimension



KTI Network's KPW-T2P25 Ver.B is a high power PoE splitter which integrates Power over Ethernet (PoE) technology to PoE incapable network device by just using a single Cat.5 cable for both power and data transaction. The equipments such as Wireless Router, AP, Network Camera, Print server, and Media converter which connect to the PoE splitter, all devices become PoE enabled to eliminate the need of power outlets as well as cable installation and expense.

The splitter is equipped with DIP SW that allows user to select one from five different classes for demanding power from a remote PoE switched port or mid-span injector. This feature supports efficient power management at the advanced PSE side. It supports Type 1 PSE for power up to 13 Watts min. and Type 2 PSE for power up to 30 Watts. For industrial applications, the splitter is also equipped with optional brackets for Din-Rail mounting and panel mounting. To enhance application safety, the splitter is featured short-circuit protection, low voltage lock out, inrush current limit and thermal protection.

The optional models with different DC output voltages, 5V/9V are available for purchasing to meet different appliance power specification. For easier, cost-effective PoE network installation, the PoE splitter is your best solution to protect original investment.

### Key Features:

- Enable PoE incapable network device with PoE capability
- IEEE 802.3at and 802.3af compliance
- Support 10BASE-T, 100BASE-TX, and 1000BASE-T
- Support Alternative A or Alternative B PoE input over Cat.5
- Provide a power class selection DIP for demanding power from PSE
- Support Type 1 PSE classification and Type 2 PSE 2-event classification
- Regulated DC power output with three optional voltages
- Flexible mounting support, light weight and compact

### Specifications:

Standard	IEEE 802.3 10BASE-T, 100BASE-TX, 1000BASE-T
PoE In Jack	Shielded RJ-45 10BASE-T, 100BASE-TX, 1000BASE-T support Power pins – Pin1/2/3/6 and Pin4/5/7/8 (support both) LAN cable - Cat.5 or better
PoE Standard	IEEE 802.3af Type 1, IEEE 802.3at Type 2
PoE Power Class	Type 1 Class 0 ~ Class 3, Type 2 Class 4 (DIP SW selectable)
PoE Input Voltage	Class 0~3: 36 ~ 57VDC (PSE Type 1 output) Class 4: 42.5 ~ 57VDC (PSE Type 2 output)
LAN Out Jack	Shielded RJ-45 10BASE-T, 100BASE-TX, 1000BASE-T std. LAN cable - Cat.5 or better



## Related PoE Products:

KPOE-100  
IEEE 802.3af mid-span injector

KPOE-100P  
IEEE 802.3at PSE High Power  
Mid-span Injector

KSD-541-HP  
Industrial 5-Port  
Fast Ethernet Switches with  
1 SFP Slot and 4 PoE+ PSE Ports

KGS-1060 HP  
Industrial Managed 10-Port L2  
Gigabit Ethernet Switches with  
2 Dual-speed SFP Slots and  
4 PoE+ PSE Ports

KGS-1064-HP  
Industrial Managed 10-Port L2  
Gigabit Ethernet PoE+ Switches  
with 2 Dual-speed SFP Slots

KGS-2461  
Industrial Managed 24-Port  
L2/L3 Gigabit Ethernet Switches  
with PoE+ Features

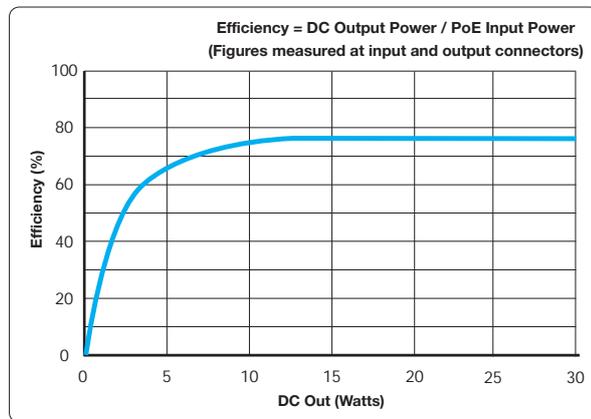
KGC-261-DP  
Industrial Media Converters with  
PoE++ PSE Support

### DC Power Output

5P Terminal block – PE (protective earth), DC+/DC-, DC+/DC-  
Voltage options: 5V, 9V (Model options)  
Power wires: 12 ~ 22 AWG (1 meter max.)

PSE Type	PoE Input Range* (W)	DC Power Output (W)
1	12.95 ~ 15.4	9 ~ 11
2	25.5 ~ 34	18 min. (5V) 20 min. (9V)

\*The range means the possible maximum power received by the splitter. It depends on the power capability delivered by PSE and the connection length between the PSE and splitter.



LED Display	Type 2 PoE input status, DC Power output status
DIP SW	Power class selection for PSE classification
Housing	Enclosed metal with no fan
Dimension	73 x 24 x 85 mm (WxDxH)
Accessory	TB-to-DC plug cable
Mounting Support	DIN-Rail, Panel mounting (Optional)
Temperature	Operating Temperature: -30°C ~ 70°C Storage Temperature: -30°C ~ 85°C Relative Humidity: 10% ~ 90% non-condensing
Approval	FCC Class A, VCCI Class A, CE mark Class A, IEC60950-1 safety

## Ordering Information:

<b>KPW-T2P25-B5VE</b>	5VDC power output
<b>KPW-T2P25-B9VE</b>	9VDC power output
<b>KC-4DR</b>	DIN-Rail mounting
<b>PMB-303</b>	Panel mounting bracket



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