

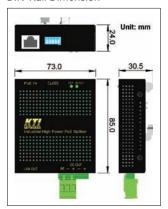
KPW-T2P25



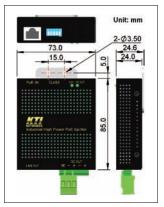


Industrial IEEE 802.3at High Power PoE Splitter

DIN-Rail Dimension



Panel Dimension



KTI Network's KPW-T2P25 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.

Four optional models with different DC output voltages, 5V/9V/12V 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 four 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		





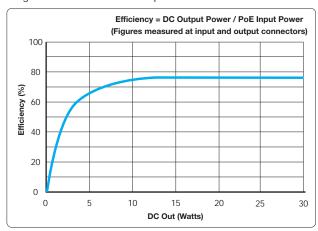
DC Power Output

5P Terminal block - PE (protective earth), DC+/DC-, DC+/DC-

Voltage options: 5V, 9V, 12V (Model options) Power wires: 12 ~ 22 AWG (1 meter max.)

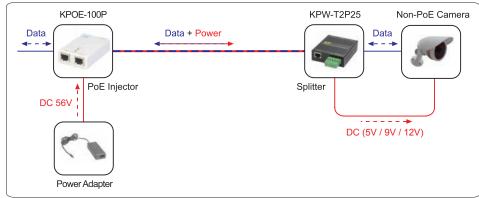
PSE Type	PoE Input Range* (W)	DC Power Output (W)
1	12.95 ~ 15.4	9 ~ 11
2	25.5 ~ 34	21 ~ 28

*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 85 x 24 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 Informations:	
KPW-T2P25-5V	5VDC power output
KPW-T2P25-9V	9VDC power output
KPW-T2P25-12V	12VDC power output
KC-4DR	DIN-Rail mounting
PMB-303	Panel mounting bracket



Related PoE Products:

KPOE-100 IEEE 802.3af mid-span injector

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

KPOE-800 Modular 8-Port Midspan Power over Ethernet Injector

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

KGS-0820-P Managed 8-Port Gigabit Ethernet Switches with 2 SFP Slots and PoE options

KGD-802-B-P Industrial 8-Port Gigabit Ethernet Switches with 2 SFP Slots and 4 PoE PSE Ports

KGS-2423-Px Managed 24-Port Stackable Gigabit Ethernet Switches with 4 SFPs and 24 PoE+ PSE Ports

CEF©

FCC Part 15, Class A CISPR 22 Class A VCCI Class A

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