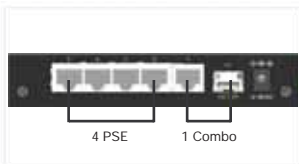# KSD-541, KSD-541-HP

Industrial 5-Port L2 Fast Ethernet Switches with 1 SFP Slot and 4 PoE PSE Ports

Product Highlights:

- Compact switch
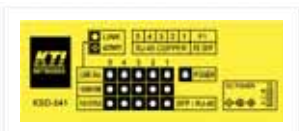- SFP fiber options
- 802.3at PoE
- Industrial design

Ports

4 PSE   1 Combo

Panel Mounting

DIN-Rail Mounting

Top LED Display

Key Features:

- Provides 5 10/100Mbps RJ-45 and one 100Mbps SFP slot
- All copper ports support auto-negotiation and auto-MDI/MDI-X detection
- Provides full wire speed forwarding
- Supports 802.3x flow control for full-duplex and backpressure for half-duplex
- Provides SFP for optional optical fiber connection
- Provides four power 802.3at PoE-enabled PSE ports
- Backward compatible with 802.3af PD
- Provides two types of power supply interfaces - Jack and terminal block
- Supports Stand-alone, Wall, Din-Rail, and Panel mounting
- Industrial-rated emission and immunity performance

Specifications:

Standard	IEEE 802.3, 802.u, 802.3x, 802.3af, 802.3at
Network Ports	4 10/100Mbps Fast Ethernet copper ports 1 combo port - 10/100Mbps copper & SFP
Copper Port	Shielded RJ-45, 10/100Mbps, auto-negotiation, auto-MDI/MDI-X support
SFP	Fast Ethernet 100Base-FX compliant slot for standard SFP transceiver
Network Cables	10/100Mbps copper: Cat.5 up to 100m, 100Base-FX: 62.5/125, 50/125 MM fiber, 9/125 SM fiber
Power over Ethernet	KSD-541-HP: IEEE 802.3at compliant, High power PSE on Port 2 ~ Port 5 Power delivery 48V 30W max. at port output for a Cat.5 distance of 100 meters Backward compatible with 802.3af PD
MAC Addresses	Table with 1K entries
LED Indication	Display on both top and front panels Per unit: power, Per port: speed, link/activity & PoE status
DC Power Input	Screw terminal block: power +/- and PE contact DC jack: -D 6.3mm/+D 2.0mm Operating voltage range: +6 ~ +57VDC (+48V up for PoE operation)
Power Concumption	4W max. with no PoE support 125W max. for 4 PoE PSE max. output
Housing	Enclosed metal with no fan
Dimension	144 x 104.5 x 26 mm (WxDxH)
Mounting Support	Wall, DIN-Rail, Panel Mounting (optional)
Environment	Operating Temperature: -30°C ~ 70°C Storage Temperature: -40°C ~ 85°C Relative Humidity: 10% ~ 90% non-condensing