



KGD-600 Ver.C



Industrial Managed 6-Port L2 Gigabit Ethernet Switches with 1 dual-speed SFP Slot

Product Highlights:

- Compact industrial design
- Web, telnet, SNMP managed
- SFP dual speed support
- IPv6 support
- RSTP, STP, MSTP support
- IGMP & MLD snooping
- OPA function
- ALS function
- Powerful management support
- PoE support

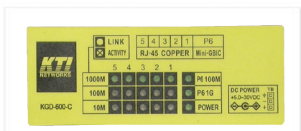
Panel Mounting
KSD-6PB



DIN-Rail Mounting



Top LED Display



Key Features :

- 5 10/100/1000Mbps RJ-45 and one dual-speed SFP slot
- All copper ports support auto-negotiation and auto-MDI/MDI-X detection.
- The SFP slot supports dual speed for 100BASE-FX and 1000BASE-X SFP transceivers.
- Full wire speed forwarding
- Support 802.3x flow control for full-duplex and backpressure for half-duplex
- PoE powered support
- Support SFP with Digital Diagnostic Monitoring (DDM)
- Provide Automatic Laser Shutdown function
- Industrial-rated emission and immunity performance

Management Features:

- Management:
 - HTTP/HTTPS/SSHv2/CLI telnet/SNMP v1/v2c/v3/RMON
 - DHCP/DHCPv6 client, DNS client, NTPv4
 - IPv6 support, System Syslog, Configuration down/upload, Software upload
 - KTI's private MIB for DDM monitoring, Remote boot, TFTP firmware update via SNMP
- Security:
 - NAS, 802.1X, MAC-based/Web/CLI authentication
 - IP MAC binding, TACACS+, IP source guard
- Layer 2:
 - QoS, 802.1Q VLAN, Port Isolation, Storm control for UC/MC/BC packets
 - Static MAC configuration, IGMP v2/v3 snooping, MLD v1/v2 snooping, DHCP snooping
 - Multiple Spanning Tree – MSTP, RSTP, STP

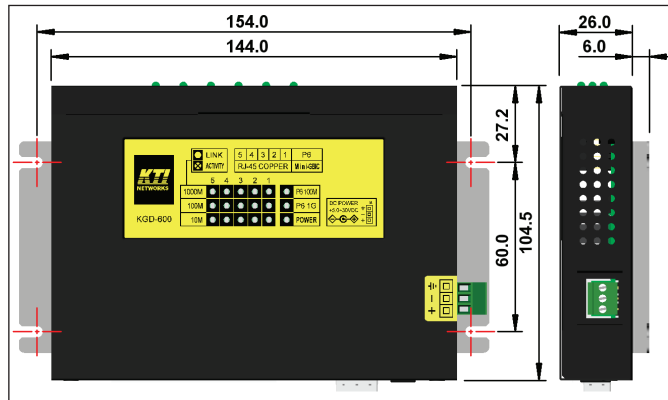
Specifications:

Standard	IEEE 802.3, 802.3ab, 802.3z, 802.3x, 802.1x, 802.1w, 802.1D, 802.1Q
Network Ports	5 10/100/1000Mbps Gigabit copper ports 1 1G/100Mbps SFP slots
Copper Port	Shielded RJ-45, 10/100/1000Mbps, auto-negotiation, auto-MDI/MDI-X support
Mini-GBIC SFP	SFP connector Interface: 1000BASE-X and 100BASE-FX support
Network Cables	10/100/1000Mbps copper: Cat.5 up to 100m 1000Base-X: 62.5/125µm, 50/125µm MM fiber, 9/125µm SM fiber
MAC Addresses	Table with 8K entries
Buffer Memory	4Mbits

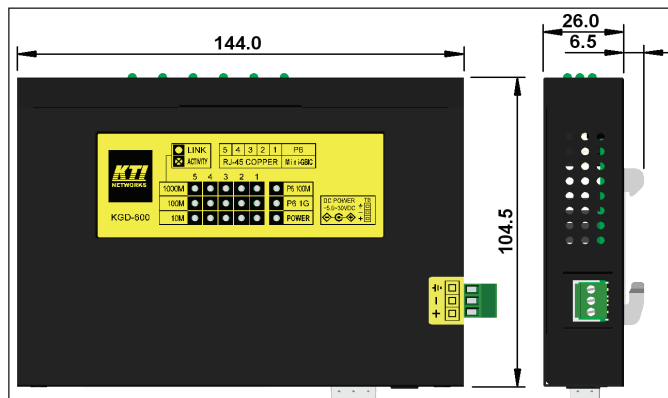
Power Terminal Block



LED Indication	Per unit: Power, Management status Per port: Speed/link/activity status Per SFP: Speed/link/activity status
PoE Power Input	IEEE 802.3at and 802.3af compliant PSE support IEEE 802.3af Class 3 PD on Port 1 Vpoe+ pin 1/2/4/5, Vpoe- pin 3/6/7/8 (Polarity reversal support) Working voltage range: +36 ~ 57VDC
DC Direct Input	Screwed terminal block: 3P DC jack: -D6.3mm/+D2.0mm Voltage range: +7 ~ +57VDC
Power Consumption	6W max.
Housing	Enclosed metal with no fan
Dimension	144 x 104.5 x 26 mm (WxDxH)
Mounting Support	Panel, DIN-Rail, Wall, Desktop
Environment	Operating Temperature: -40°C ~ +60°C Storage Temperature: -40°C ~ +85°C Relative Humidity: 5% ~ 95% non-condensing
Approval	FCC Class A, VCCI Class A, CE mark Class A EN 60950-1/IEC 60950-1 safety



Panel & Wall Mount Dimension



Din-Rail Mount Dimension



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