

## KX-HDVTHSW16T52 16-Port PoE Switches

Design and specifications are subject to change without notice.  
Pictures in the document are for reference only, and the actual product shall prevail.



- Intelligent PoE
- PD Alive (PoE Watchdog)
- Long Distance PoE Transmission
- Smooth Transmission
- Wide Working Temperature: -10 to 55°C (14°F to 131°F)
- Port Isolation



Performance	
Layer	Layer 2
Managed	No
Switching Capacity	7.2 Gbps
Packet Forwarding Rate	5.3568 Mpps
Packet Buffer Memory	4 Mbit
MAC Table Size	8K
Standards Compliance	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z
Hardware Feature	
Standard Power Supply	Yes
PoE	Yes
Ethernet Port	16
Optical Port	2
Ethernet Port Rate	100 Mbps
Optical Port Rate	1 Gbps
Number of Bussiness Card Slots	Port 1–16: 16 × RJ45 10/100 Mbps Port 17–18: 2 × RJ45 10/100/1000 Mbps (uplink) Port 17–18: 2 × SFP 1000 Mbps (uplink) (combo)
Power Supply	100V AC–240V AC
Operating Temperature	-10°C to 55°C (14°F to 131°F)
Operating Humidity	10%–90%

Storage Humidity	5%–95%
Power Consumption	Idling: 5W Full load: 135W
PoE	
PoE Standard	IEEE802.3af, IEEE802.3at, Hi-PoE
PoE Budget	Port 1–2≤60W, Port 3–16≤30W, total≤135W
PoE Pin Assignment	PoE/Hi-PoE: 1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-)
Long Distance PoE Transmission	Yes
Function	
VLAN	Port Isolation
QoS	Yes
System Maintenance	PD Alive
General	
ESD	Air discharge: 8kV Contact discharge: 6kV
Thunderproof	Common mode: 4kV Differential mode: 2kV
Dimensions	440 mm × 300 mm × 44 mm (17.32" × 11.81" × 1.73")
Packaging Dimensions	527 mm × 412 mm × 110 mm (20.75" × 16.22" × 4.33")

