Product Specification

8+2 Port 100Mbps National Standard PoE Switch



KU-1008B

The KU-1008B switch enables power and data transmission from a single network node over Cat5e Ethernet cable. The 8+2 port Fast Ethernet configuration supports 10/100Mbps connections, 100-meter transmission distance, and power delivery. This eliminates the frequent need for extenders, fiber optics, and coaxial cables in long-distance deployments of network surveillance projects, thereby reducing construction costs. It can power terminal devices that support network power supply. Featuring a simple and reliable design, customers can select appropriate PoE supply voltage, power, speed, full duplex, and cable type using AutoUplink™ based on their equipment's power requirements.

Product Features:

- ◆ Supports power delivery to wireless APs and network surveillance cameras over Cat5e Ethernet cable
- ◆10 10/100 Mbps auto-negotiation RJ45 ports
- ◆ Supports automatic port crossover (Auto MDI/MDIX)
- ◆ Supports surge protection for uplink ports (Ports 9 to 10 comply with Level 2 surge protection standards)
- ◆ PoE total power: 96W (Ports 1 to 8)
- ◆ Standard per-port output power of 15.4W, with a maximum of 30W per single port
- ◆ Utilizes store-and-forward switching architecture
- ◆ Fanless design with natural convection cooling, compact and quiet, suitable for desktop placement

Product Ordering Information:

Product Model: KU-1008B

Product Description: 10-port 10/100Mbps extended distance standard PoE switch, with ports 1 to 8 supporting PoE. Each port provides a standard output power of 15.4W, with a maximum power of 30W per port and a total power budget of 96W.

Ordering Notes: Default PoE power supply method is end-span (Twisted pair 1/2, 3/6). Optionally, mid-span (Twisted pair 4/5, 7/8) PoE power supply method can be selected.

Product Packaging List:

Packaging Contents	10-port 100Mbps standard PoE power supply switch (KU-9010N)
	AC input power cord
	Packaging box
	Warranty and User Support Information Card

Product Name	10/100Mbps 10-Port Standard PoE Switch
Product Model	KU-1008B
Port Description	8 RJ45 100Mbps PoE Ports + 2 RJ45 100Mbps Ethernet Ports
Network Media	10BASE-T: Category 3, 4, 5 UTP (≤100 meters) 100BASE-TX: Category 5e or higher UTP
Backplane Bandwidth	2Gbps
Forwarding Method	Store-and-Forward
MAC Address	2K
Network Protocol	IEEE 802.3i、IEEE 802.3u、IEEE 802.3x Flow Control、IEEE 802.3af 、IEEE802.3at
Other Hardware Features	Adjustable for 250-meter Long Distance via DIP Switch
PoE Ports	Ports 1-8 Support IEEE 802.3af/at (15.4W/30W) PoE Power Supply
PoE Standard	Compliant with IEEE 802.3af/at international standards, maximum power per port 30W
PoE Type	Default End-span (Mid-span optional)
PoE Port Specifications	Power per port: 15.4W (IEEE 802.3af) / 30W (IEEE 802.3at)
PoE Power Transmission Twisted Pairs	Default 1/2+ and 3/6- twisted pairs (optional 4/5+ and 7/8- twisted pairs)
Total PoE Power	96W
Environmental Specifications	Operating Temperature: -20°C to 55°C, Storage Temperature: -40°C to 75°C
Electromagnetic Emissions	CE mark, commercial 、FCC Part 15 Class B ，VCCI Class B EN 55022 （CISPR 22）， Class B
Power Supply	Input: AC 100-240V, 50-60Hz, Total Power: 96W
LED indicators	Power: PWR
Physical Specifications	197mm*73.5mm*29mm,0.35kg
After-sales Service	Switch: 1-year warranty, lifetime maintenance
Packaging Contents	10-Port 100Mbps Standard PoE Switch (KU-1008B) with AC Power Input Cable Warranty and User Support Information Card