Product Specification

KU-1006B

(52V Standard PoE: IEEE 802.3af/at)



The KU-1006B delivers cost-effective solutions for commercial and home networks deploying selected IP-based network cameras. Ideal for devices positioned far from power outlets, such as those mounted on high walls or ceilings, PoE technology eliminates the need for dedicated power connections. This ensures greater installation flexibility for devices with challenging AC power access while minimizing installation costs. Featuring a compact and versatile design, the KU-1006B is the optimal choice for small commercial and home networks seeking economical PoE deployment and IP-based network surveillance.

Product Features:

◆ Supports powering wireless APs or network surveillance cameras via Cat5e Ethernet cables
◆6 10/100 Mbps auto-negotiation RJ45 ports
◆ Supports Auto MDI/MDIX function
◆ Provides uplink port surge protection
◆ PoE total power: 60W (ports 1 to 4)
◆ Standard output power per port: 15.4W; maximum power per port: 30W
◆ Utilizes store-and-forward switching technology
◆ Fanless, natural cooling; compact, space-saving, and silent design suitable for desktop or wall mounting
◆ Dimensions:197*73.5*29MM

Product Ordering Information:

Product Model: KU-1006B
Product Description: 6-port 10/100M long-range standard PoE switch, with ports 1-4 supporting PoE; each port provides a standard output power of 15.4W, maximum single port power up to 30W, and a total power budget of 60W.

Ordering Note: The default PoE power supply mode is end-span wiring (pairs 1/2, 3/6); optional mid-span wiring (pairs 4/5, 7/8) PoE powering mode is also available.

Product Contents:

Package Contents	6-port 100Mbps standard PoE powered switch (KU-1006B)
	AC power input cable
	Packaging box
	Warranty/User Support Information Card

Technical Specification Sheet	
Product Name	10/100M 6-Port Standard PoE Switch
Product Model	KU-1006B
Port Description	4 RJ45 100Mbps PoE Ports + 2 RJ45 100Mbps Ethernet Ports
Network Media	10BASE-T: Category 3, 4, 5 Unshielded Twisted Pair (≤100m); 100BASE-TX: Category 5e or above Unshielded Twisted Pair (≤100m)
Backplane Bandwidth	1.2Gbps
Forwarding Method	Store-and-Forward
MAC Address Table	1K
Network Protocols	IEEE 802.3i、IEEE 802.3u、IEEE 802.3x Flow Control、IEEE 802.3af 、IEEE802.3at
Other Hardware Features	None
PoE Ports	Ports 1 to 4 support IEEE 802.3af/at PoE (15.4W/30W per port)
PoE Standard	Compliant with IEEE 802.3af/at international standards, maximum power output of 30W per port
PoE Mode	Default End-Span Method (Mid-Span Method Available as Option)
PoE Port Features	Power per Port: 15.4W (IEEE 802.3af) / 30W (IEEE 802.3at)
PoE Power Transmission Pairs	Default on wire pairs 1/2 (+), 3/6 (-) (Optional 4/5 (+), 7/8 (-))
Total PoE Power Budget	60W
Environmental Specifications	Operating Temperature: -20°C to 55°C; Storage Temperature: -40°C to 75°C; Operating Humidity: 10% to 90%, non-condensing; Storage Humidity: 5% to 95%, non-condensing; Operating Altitude: up to 3000 meters (10,000 ft); Storage Altitude: up to 3000 meters (10,000 ft)
Electromagnetic Emission	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: 60W
LED Indicators	Power: PWR
Physical Specifications	197mm*73.5mm*29mm,0.35kg
After-Sales Service	Switch with 1-year Warranty and Lifetime Maintenance
Package Contents	6-Port 100Mbps Long-Distance Standard PoE Switch with AC Input Power Cable, Quick Start Guide, and Warranty/User Support Information Card