Product Specification

KU-9006N

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



The KU-9006N offers an economical solution for business and home networks that require streamlined installation of wireless access points (APs) and IP-based network cameras. Ideal for devices mounted high on walls or ceilings where power outlets are distant, PoE eliminates the need for dedicated power connections, providing greater installation flexibility and reducing costs. Featuring a compact and adaptable design, the KU-9006N is the perfect choice for small business and home networks seeking cost-effective PoE deployment for wireless APs and IP surveillance cameras.

Product Features:

◆ Supports powering wireless APs and network surveillance cameras via Cat5 Ethernet cables
◆6 10/100 Mbps Auto-Negotiation RJ45 ports
◆ Supports Auto MDI/MDIX for port crossover detection
◆ Lightning protection for uplink ports
◆PoE Total power budget: 75W (Ports 1 to 4)
◆ Long-distance transmission switch enabling/disabling 250-meter extended reach
◆ Standard output power per port: 15.4W; maximum per port: 30W
◆ Employs store-and-forward switching architecture
◆ Fanless, natural cooling with a compact, silent design ideal for desktop or wall mounting

Product Ordering Information:

Product Model: KU-9006N
Product Description: 6-port 10/100Mbps long-distance standard PoE switch, with ports 1 through 4 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 72W.

Ordering Notes: The default PoE power supply method is end-span power injection (pins 1/2 and 3/6 pairs). Mid-span power injection (pins 4/5 and 7/8 pairs) is available as an option.

Package Contents:

Package Contents	6-port 100Mbps Long-Distance Standard PoE Power Supply Switch (KU-9006N)
	AC Power Cord
	Quick Start Guide
	Warranty and User Support Information Card

Technical Specifications	
Product Name	10/100M 6-Port Long-Distance Standard PoE Switch
Product Model	KU-9006N
Port Description	4 RJ45 100Mbps PoE Ports + 2 RJ45 100Mbps Ethernet Ports
Network Media	10BASE-T: Category 3, 4, 5 UTP (≤100m); 100BASE-TX: Category 5e or above UTP (≤100m)
Backplane Bandwidth	1.2Gbps
Forwarding Mode	Store-and-Forward
MAC Address Table	1K
Network Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3x Flow Control, IEEE 802.3af, IEEE 802.3at
Other Hardware Features	Selectable via DIP switch for 250-meter extended range and VLAN on/off
PoE Port	Ports 1-4 support IEEE 802.3af/at Power over Ethernet (15.4W/30W)
PoE Standard	Compliant with IEEE 802.3af/at international standards; maximum power per port 30W
PoE Type	Default end-span power injection (mid-span power injection optional)
PoE Port Features	Power per port: 15.4W (IEEE 802.3af) / 30W (IEEE 802.3at)
PoE Powered Wire Pairs	Default 1/2+ (positive), 3/6- (negative) pairs; optional 4/5+ and 7/8- pairs
Total PoE Power	75W
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 radiation	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: 72W
LED indicators	Power: PWR | Network: L/A
Physical specifications	200mm*120mm*40mm,1kg
After-sales service	3-year warranty with lifetime support
Package Contents	6-port 100Mbps long-range standard PoE switch. Includes AC power cable, quick start guide, and warranty/user support information card