

product specifications

KU-6004N (52v
standard POE: IEEE802.3af/at)



Features

- Supports power supply for wireless access points (APs) and network surveillance cameras (IP cameras) through Category

5 Ethernet cables • Ports 1 to 4 support standard IEEE802.3af/at power supply (the maximum port power supply

is 15.4W/30W) • 4 10/100Mbps adaptive RJ45 port, 2 10/100/1000Mbps adaptive RJ45 ports • Comply with IEEE

802.3/IEEE 802.3u, IEEE802.3ab standards • Flow control mode: full-duplex adopts

IEEE 802.3x standard, half-duplex adopts Back pressure standard • Supports automatic port flipping (Auto MDI/MDIX)

- Supports network port lightning protection (AC power port:

differential mode +/-2kV, common mode +/-4kV) • Maximum PoE power: 72W (all PoE ports,

Ports 1 to 4) • Adopts store-and-forward switching mechanism, forwarding memory 2M • All

ports support line-speed switching, and can reach line speed

in the frame length range of 64-1536 • Supports wall-mounted installation, easy to install and

use • Zero-configuration features Power is

automatically supplied to the adaptive device, plug and play, no software or protocol conversion required. **Two high-**

speed uplink ports. Two built-in Gigabit ports provide fast connections to servers or Gigabit speed backplanes. With four 10/100/1000 Mbps ports, growing business networks, classrooms and workgroups can benefit from superior performance and sustain network expansion needs. This high-performance switch features a non-blocking, wire-speed architecture with 12Gbps switching capability for maximum file transfers. All RJ45 ports can automatically negotiate the highest connection speed and AutoUplink™ technology support ensures correct network connection. **Flexible** option to plug in up to 4 Gigabit Ethernet or Fast Ethernet devices, or mix in up to 4 IP-based 802.3af/at Power over Ethernet (PoE) devices for optimized installation and power management of network devices, like Wireless access points (APs), Voice over IP (VoIP) phones, and IP-based cameras. Power over Ethernet (IEEE802.3af/at) performance is suitable for most newly constructed networks to improve equipment efficiency and reduce installation time and costs. Easily deploy your wireless access points and IP cameras, eliminating the need for power sockets and giving all your PoE devices uninterrupted power. The status indicator light conveniently located on the front panel makes it

easier to observe the status of the switch and makes it easier to troubleshoot with plug-and-play. Reliable Finally, this durable

switch comes in a desktop-style metal enclosure. The matching rack kit is included in the box. **Applicable environment** • Millions of high-definition

monitoring transmission and power supply

- Wireless AP layout transmission and

power supply • Internet phone transmission,

smart home system • Urban intelligent traffic monitoring system (ITS), safe city,

wireless city • Highway monitoring system, electronic road monitoring,

Capture system • Security monitoring system for large factories and

mines, network multi-function system • Remote multimedia teaching/

campus monitoring, video conferencing system •

Building

intercom, wireless

communication, video surveillance ordering information: Product model: KU-6004G Product description: 4 thousand 1M PoE port + 1 Gigabit uplink port + 1

SFP PoE switch, 1-4 ports support POE, IEEE802.3af/at international standard, single port power supply power 15.4W, total machine power 72W; IEEE802.3at

International

standard, single port power supply power 30W, total power of the whole machine 72W. Purchase note: The default PoE power supply method is the end jumper method (12, 36 line pairs), the

Product supporting list:

Package Contents	4PG+2G6-port full Gigabit PoE power supply switch (KU-6004G)
	AC input power cord, hardware installation kit
	Quick Start Guide
	Warranty/User Support Information Card

Technical parameter list

Product name	4PG+2GPoE power supply switch
Product model	KU-6004N
Port description:	4 10/100M copper cable RJ45 ports, 2 1000M copper cable RJ45 ports 1~4 ports support POE output (all ports support MDI/MDIX adaptive) Network
	medium 100BASE-TX: Category 5 and above unshielded twisted pair (ÿ100 meters), 1000BASE-T: Category 5 and above unshielded twisted pair (ÿ100 meters)
Backplane bandwidth	12Gbps (non-blocking)
Forwarding mode:	store and forward (can achieve line speed forwarding), packet forwarding rate: 8.93Mpps
MAC address list	8K
Network protocols	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.3af, IEEE802.3at
PoE port	Ports 1~4 support IEEE802.3af (15.4W) network power supply
PoE standard	Comply with IEEE802.3af/at international standard, maximum power supply power of single port is 30W
Default end bridging method for PoE type	(middle bridging method optional)
PoE port characteristics	Power per port 15.4W (IEEE802.3af)/30W (IEEE802.3at)
PoE transmission core defaults to	1/2+, 3/6- pairs (optional 4/5+, 7/8- pairs)
PoE total power	72W
environmental regulations	Working temperature: -20°~55°C, Storage temperature: -40°~75°C, Working humidity: 10%~90%, no condensation, Storage humidity: 5%~95%, no condensation, Working altitude: Altitude 3000 meters (10,000ft), storage altitude: 3000 meters (10,000ft) above sea level
Electromagnetic radiation	CEmark, commercial, FCCPart15ClassB, VCCIClassBEN55022 (CISPR 22), ClassB power supply
input	AC100-240V50-60Hz, 72W
LEDs indicator	power-PWR, network-Link, PoE working status
Physical specifications:	200mm*120mm*40mm, 1kg
After-sales service:	3-year warranty for switches and lifetime maintenance
Package Contents	Switch, AC power cord, hardware installation kit, installation guide, warranty/user support information card