

## KU-7016N

52v standard POE: IEEE E 802.3 af / a t



The economically priced KU-7016N provides business and home networks that need to simplify the installation of wireless access points (APs) and IP-based network cameras. These units, away from electrical outlets, are perfect for hanging high on the wall or on the ceiling. This PoE switch eliminates the hassle of deliberately connecting power outlets for these devices. Provides flexibility and minimizes installation costs for devices that are difficult to connect to AC power.

### Features

- Support power supply for wireless access point (AP) and network monitoring camera (IP cameras) through Category 5e Ethernet cable
- 16 10/100 Mbps+2 10/100 / 1000Mbps adaptive RJ45 ports, 1 SFP Gigabit uplink optical port
- Support automatic port flipping (Auto MDI/MDIX)
- Uplink port: SFP interface
- Maximum PoE power: 250W (all PoE ports, port 1~port 16)
- Ports 1 to 16 support standard IEEE802.3af/at power supply (port power supply is 15.4W/30W)
- All ports support wire-speed switching, and wire-speed can be achieved within the range of 64 to 1536 frame lengths
- Standard 1U rack design, convenient for cabinet installation

### Product Ordering Information

Product model	KU-7016N
Product description	18-port 100 Gigabit Ethernet switch, IEEE 802.3af/at international standard, single port power supply 15.4W/30W, total power of the whole machine 250W
Ordering Remarks	The default PoE power supply method is the end jumper method (1/2, 3/6 line pairs), and the middle jumper method (4/5, 7/8 line pairs) PoE power supply method can be ordered

## Technical Specification

Product name	10/100 0 M 19 -port PoE power supply switch
Product number	KU-7016N
Port description	16 10/100 Mbps+2 10/100/1000Mbps adaptive RJ45 ports, 1 SFP Gigabit uplink optical port
Network media	10BASE-T: category 3, 4, 5 unshielded twisted pair (≤100 meters) 100BASE-TX: category 5 and above unshielded twisted pair (≤100 meters) 1000BASE-T: Category 5 and above unshielded twisted pair (≤100 meters)
Backplane Bandwidth	14.8Gbps (non-blocking)
forwarding method	Store and forward (all ports support wire-speed forwarding)
MAC address list	16K
Network protocol	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE 802.3x, IEEE802.3af
Other hardware features	Gigabit SFP optical module LC interface (standard configuration does not include optical module)
PoE port	1-16 ports support IEEE802.3af/at (15.4W/30W) network power supply
PoE standard	Compliant with IEEE 802.3af/at international standard, the maximum power supply for a single port is 30W
PoE type	Default end-spanning method (optional middle-spanning method)
PoE port characteristics	Power per port 15.4W(IEEE802.3af)/30W(IEEE802.3at)
PoE transmission core	Default 1/2+, 3/6-pairs (optional 4/5+, 7/8-pairs)
environmental norms	Working temperature: -20°~55°C, storage temperature: -40°~75°C, working humidity: 10%~90%, non-condensing, storage humidity: 5%~95% No condensation, working altitude: 3000 meters above sea level (10,000ft), storage altitude: 3000 meters above sea level (10,000ft)
Electromagnetic radiation	CE mark, commercial, FCC Part 15 Class B, VCCI Class B EN 55022 (CISPR 22), Class B
power supply	Input AC100-240V 50/60Hz, 250W
LEDs indicator light	Power-PWR, network-Link, optical port-L/A, PoE working status
Physical Specifications	270x181x44mm

After-sales service	3- year warranty, lifetime maintenance
Package Contents	Switch, AC power cord, hardware mounting kit, installation guide, warranty/user support information card