Kico 8 port Poe Switch with 2 Uplink (Full Gigabit) (KICO1008K-8P)

The **KICO KICO1916G-16P** is a high-performance, unmanaged 16-port PoE switch where all ports, including downlinks and uplinks, operate at **Full Gigabit (1000Mbps)** speeds. It is optimized for high-bandwidth applications such as 4K/8K surveillance and WiFi 6 networks.

Key Technical Specifications

Feature	Specification
Downlink Ports	16 × 10/100/1000Mbps PoE+ RJ45 Ports
Uplink Ports	2 × 10/100/1000Mbps RJ45 Ports + 1 × 1000Mbps SFP Fiber Slot (combo)
PoE Standard	IEEE 802.3af/at compliant
Max Power per Port	Up to **30W**
Total PoE Budget	Typically **250W** to **300W** (varies by power module version)
Switching Capacity	**36Gbps** to **52Gbps** (non-blocking backplane)
Packet Forwarding Rate	Approximately **26.8 Mpps**
MAC Address Table	8K entries, auto-learning, auto-aging
Transmission Distance	Standard: Up to **100m**; Extend Mode (optional via DIP switch): Up to **250m** at 10Mbps on specific ports

Network Protocol	IEEE 802.3, 802.3u, 802.3ab, 802.3x Flow Control
Power Supply	Built-in AC 100~240V internal power module
Physical Design	19-inch rack-mountable metal casing

Functional Features

- **Full Gigabit Performance**: Ensures every port supports 1000Mbps for maximum throughput.

- **Unmanaged Operation**: Plug-and-play functionality requires no software setup.

- **AI Smart Modes**: Often includes physical DIP switches for:

  - **VLAN Mode**: Isolates PoE ports to prevent network storms and enhance security.

  - **Extend Mode**: Allows for long-distance deployment of IP cameras.

- **Robust & Silent Design**: Fanless metal housing for quiet operation and efficient heat dissipation.