Kico 24 Port PoE Switch with 2 Gigabit Uplink & 1 SFP Port (10342KE)

The Kico 16 Port PoE Switch with 2 Uplink & 1 SFP (Full Gigabit) (**Kico1916G-16P**) is an unmanaged, plug-and-play Ethernet switch designed primarily for IP surveillance systems, offering both data and power over a single cable. It features 16 PoE ports, two RJ45 gigabit uplink ports, and one gigabit SFP fiber port for flexible connectivity.

Key Specifications

Feature	Specifications
Model	Kico1916G-16P (also referenced as TS26P-16F-2G-1S in some sources)
PoE Ports	16 x 10/100/1000Mbps RJ45 ports (Full Gigabit as per the product name, but some sources mention 10/100Mbps POE ports)
Uplink Ports	2 x 10/100/1000Mbps RJ45 ports
SFP Port	1 x Gigabit SFP fiber port
PoE Standard	IEEE 802.3af/at compliant, automatically detects devices
Max Power Per Port	Up to **30W** per PoE port
Total Power Budget	Varies by source, generally around **72W** to **300W**
Switching Capacity	20 Gbps

Network Protocols	IEEE 802.3, 802.3u, 802.3x, 802.3ab, 802.3z
Features	Plug-and-play operation, AI Watchdog (auto-detects and restarts unresponsive devices), One-Key VLAN, Extend mode (up to 250m transmission at 10Mbps), 4KV lightning protection
Installation	Metal housing, supports desktop or rack-mount installation

Features and Benefits

- **Simplified Installation**: The switch is unmanaged and features a plug-and-play design, requiring no complex software configuration, which facilitates quick setup.
- **Centralized Power**: It provides both data and power over a single Ethernet cable, eliminating the need for separate power outlets for connected devices like IP cameras, wireless APs, and VoIP phones.
- **Extended Distance**: The "Extend" operating mode allows power and data transmission distances to be increased from 100 meters to up to **250 meters** (at a speed of 10Mbps), useful for remote device placement.
- **Reliability**: Features like the AI Watchdog function (which automatically detects and rectifies port issues) and built-in lightning/surge protection enhance network reliability and safeguard connected devices.