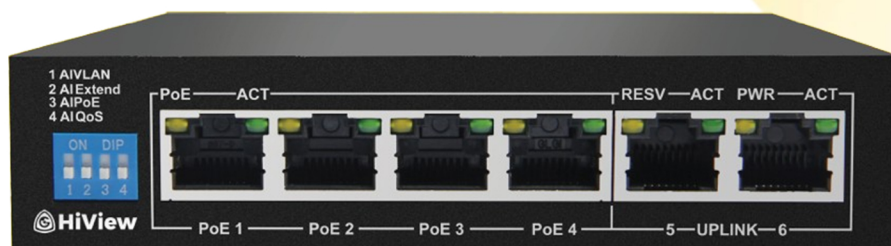# POE SWITCH
# HiView 4 PORT AI POE SWITCH
## HIK 106



**Key features：**

**Port 6KV lightning protection**

• The full port supports 6KV lightning protection, supports power supply over-temperature protection, over-voltage protection, inrush current protection and other protection features.

**Swap features**

• Non-blocking switching architecture, all ports support wire-speed forwarding.

• Provides two 10/100M RJ45 uplink ports at the same time.

• Supports IEEE 802.3x full-duplex and half-duplex backpressure flow.

• Supports uplink port auto-rollover (Auto MDI/MDIX).

**AI smart buttons**

• AI Extend: 1-4 ports support 250 meters of long-distance power supply (it is recommended to use super five categories to connect the Internet line);

• AI VLAN: Isolate 1-4 ports from each other, which can effectively suppress network storms and improve network performance;

• AI QoS: Prioritize the processing of identified video data to make video transmission smoother;

• AI PoE: Automatically detects the powered port, finds the dead device, and restarts the device without power;

**PoE features**

• Complies with IEEE802.3af/at/bt standards, with a maximum PoE power of 90W per port.

• Support PoE short circuit protection, overcurrent protection, over temperature protection, etc.

• Support AI PoE, restart dead devices.

**Ease of use**

• Plug to use, no configuration required, easy to use.

• Zero configuration feature, the power supply is automatically supplied to the adaptive device

# Product Specifications:

| | |
|---|---|
| **Network interface** | • 4 x 10/100Mbps PoE-enabled RJ45 ports (ports 1 to 4)<br>• 2 x 10/100Mbps non-PoE function RJ45 ports (ports 5 ~ 6) |
| **Network protocol standards** | • IEEE 802.3i、 IEEE 802.3u、 IEEE 802.3x、 IEEE 802.3af、 IEEE 802.3at |
| **Performance specifications** | • Backplane bandwidth: 1.2Gbps (non-blocking)<br>• Packet forwarding rate: 0.89Mpps<br>• MAC address table: 2K<br>• Forwarding mode: Store-and-forward |
| **LED indicator** | • Power LED<br>• LINK/ACT indicator<br>• PoE indicator<br>• RESV: Reserved |
| **PoE bits** | • 1/2(+)，3/6(-) |
| **Power support** | • Single port maximum output power: 30W<br>• The maximum power supply of the whole machine: 60W |
| **Dimension** | • Size (length x width x height): 125mm*75mm*27mm |
| **Environmental specifications** | • Working temperature: 0 °C ~ 40 °C<br>• Storage temperature: -40 °C ~ 70 °C<br>• Working humidity: 10% ~ 90% RH does not condense<br>• Storage humidity: 5%~90% RH non-condensing |
| **Safety specifications** | • CE/ROHS/FCC/CCC |

**Networking applications**