# UNIKEY

## PS2010G

## 8 Gigabit Managed PoE Switch

Av. Francisco Bilbao 1933/1939, Providencia, Santiago, Chile - sistek@sistek.cl
Mesa Central: 22 751 93 00 - Ventas: 22 751 93 33

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## Overview

UK-PS2010G is 8 port gigabit managed PoE switch which designed for security industry, automatically detect and identify IEEE 802 af / at standardPD devices and power it. Therefore,there is no need to worry about damaging private standard PoE or non-PoE device.UK-PS2010G is the ideal choice for those who desire to economically use PoE to deploy wireless access point and small-size commercial network that is based on IP camera.Which can effectively solve the problems of tedious maintenance, wireless coverage, power take-off of terminal equipment, security monitoring project and long time project, thus saving the project cost to the maximum .

## Technical Specification

| | |
|---|---|
| Network standard | IEEE 802.3i  IEEE 802.3u  IEEE 802.3x  IEEE802.3z  IEEE 802.3ab  IEEE 802.3af  IEEE 802.3at |
| Port | 8 个 10/100/1000Mbps RJ45  port |
| | 2 gigabit SFP fiber port |
| | 1Console port |
| PoE | 8 个 10/100/1000Mbps RJ45  port support PoE+ power |
| | Total max 150W |

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| | Single port max 30W |
|---|---|
| Indicator | 10Link/Act LED indicator |
| | 8POE  LED indicator |
| | 1Power  LED indicator |
| | 1SYS  LED indicator |
| Performan ce | Forwarding mode： store-and-forward |
| | Bandwidth：20Gbps |
| | Packet forwarding rate：14.88Mpps |
| | Support 8KMAC address table |
| Input power | 100-240V/50-60Hz |
| Environme ntal | Operating temperature：0°~40°C; storage temperature：-40~70°C |
| | Operating Humidity ：10%~ 90%, non-condensing ；Storage Humidity：5%~ 95%, non-condensing |
| Dimension (L×W×H ) | 285mm×180mm×44mm |

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## Software Specifications

| | | | |
|---|---|---|---|
| Access control | L2~L3 Packet filtering | | support |
| | Based on the port, VLAN delivery | | support |
| | Based on time period | | support |
| | Flow-based destination port reset | | support |
| | Flow-based speed limit | | support |
| | Flow-based QoS remarking | | support |
| VLAN | 802.1Q VLAN | | support |
| | Private VLAN | | support |
| Address table | Address display / inquiry | | support |
| | IVL/SVL | | support |
| | Static MAC address setting | | support |
| | Dynamic MAC address | | support |
| | MAC address filtering | | support |
| Port management | Port aggregationi | Manually assemble | support |
| | | Dynamic LACP | support |
| | Port monitoring | | support |
| | Port speed limit<br>Port speed limit | | support |
| | Storm suppression | | support |
| Spanning Tree | STP(802.1d) | | support |
| | RSTP(802.1w) | | support |
| | IGMPV1/V2/V3 | | support |
| | Fast Leave | | support |
| | Multicast address management | | support |
| | Multicast VLAN | | support |
| | Multicast routing port | | support |

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| Multicast management | Static multicast address | | support |
|---|---|---|---|
| | Unknown multicast discarded | | support |
| | Multicast filtering | | support |
| QoS | Port queue | | 4 |
| | Port priority | | support |
| | 802.1Ppriority | | support |
| | DSCP/ToSpriority | | support |
| DHCP | DHCPClient | | support |
| | Option82 | | support |
| | DHCP Snooping | | support |
| | DHCPAttack protection | | support |
| system maintenance | Configure import and export | | support |
| | system time | | support |
| | Ping test | | support |
| | System log | Show / filter | support |
| | | Log server | support |
| System management | Web CLI | HTTP | support |
| | | Telnet | support |
| | | Console | support |
| | SNMPV1/V2/V3 | | support |
| | Cluster management | | Support |