



8 Gigabit Managed PoE Switch

SC-S2010G



www.oncuguvenlik.com.tr

Overview

SC-S2010G is 8 port gigabit managed PoE switch which designed for security industry, automatically detect and identify IEEE 802.3af / at standard PD devices and power it. Therefore, there is no need to worry about damaging private standard PoE or non-PoE device. SC-S2010G 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.

Features

- Power over wireless access point (AP) and surveillance cameras via Category 5 Ethernet cable
- PD equipment supporting IEEE802.3af / at standard
- Long-distance data transmission and power supply, the distance up to 100 meters, saving power lines, flexible installation of wireless AP and network monitoring equipment;
- Support Auto MDI / MDIX;
- Adopt store-and-forward switching method;
- intelligent power supply, the lowest power consumption to ensure that PD-side power needs;
- With power circuit protection, to protect PD safety;
- Zero configuration characteristics of the power supply is automatically supplied to the adaptive equipment;
- single fan cooling increase equipment performance;
- 8 10/100 / 1000Mbps POE ports
- Support port without link power saving function

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 ↑ 10/100/1000Mbps RJ45 port
	2 gigabit SFP fiber port
	1 Console port

PoE	8 ↑ 10/100/1000Mbps RJ45 port support PoE+ power
	Total max 150W
	Single port max 30W
Performance	Forwarding mode : store-and-forward
	Bandwidth : 20Gbps
	Packet forwarding rate : 14.88Mpps
	Support 8KMAC address table
Input power	100-240V/50-60Hz
Environmental	Operating temperature : 0°~40°C ; storage temperature : -40~70°C
	Operating Humidity : 10%~ 90% , non-condensing ; Storage Humidity : 5%~ 95% , non-condensing

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
	M/L/SVL		support
	Static MAC address setting		support
	Dynamic MAC address management		support
	MAC address filtering		support
Port management	Port aggregation	Manually assemble	support
		Dynamic LACP	support
	Port monitoring		support

	Port speed limit Port speed limit		support
	Storm suppression		support
Spanning Tree	STP(802.1d)		support
	RSTP(802.1w)		support
Multicast management	IGMPV1/V2/V3		support
	Fast Leave		support
	Multicast address management		support
	Multicast VLAN		support
	Multicast routing port		support
	Static multicast address		support
	Unknown multicast discarded		support
QoS DHCP	Multicast filtering		support
	Port queue		4
	Port priority		support
	802.1Ppriority		support
DHCP	DSCP/ToSpriority		support
	DHCPClient		support
	Option82		support
	DHCP Snooping		support
System maintenance	DHCPAttack protection		support
	Configure import and export		support
	system time		support
	Ping test		support
	System log	Show / filter	support
Log server		support	
System management	Web	HTTP	support
	CLI	Telnet	support
		Console	support
	SNMPV1/V2/V3		support
	Cluster management		Support managed