



## 8 Gigabit Managed PoE Switch

**SC-S2010G**



[www.oncuguvenlik.com.tr](http://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
	1 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		support	
	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		support	
	CLI		support	
	Console		support	
	SNMPV1/V2/V3		support	
	Cluster management		Support managed	