EGS2110P

8-port Gigabit with 8-port AF PoE Smart Switch

PRODUCT OVERVIEW

EnGenius Smart PoE Switch family is special tailored for Access Points and IP surveillance applications. EGS2110P, one of the members from EnGenius Smart PoE Switch family offers 8-Gigabit ports with IEEE802.3af PoE Support on port 1-8.

Small desktop metal housing design can fulfill the most environment request of Small Business.

EGS2110P supports Power-over-Ethernet (PoE) on port 1-8, which compliant with IEEE802.3af standards, delivering up to 15.4 watts along with the connected Ethernet cables to powered devices.

The EGS2110P supports VLAN, QoS and IGMP Snooping features for priority based application, such as IP surveillance or video/voice transitions. Moreover, it offers PoE Management on ports or even priority-base configuration.

Business Class
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TECHNICAL SPECIFICATIONS

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Network Protocol and Standard Compatibility	• IEEE 802.3 10BASE-T (Twisted Pair Copper) • IEEE 802.3u 100BASE-TX (Twisted Pair Copper) • IEEE 802.3ab 1000BASE-T (Twisted Pair Copper) • IEEE 802.3z 1000BASE-X • IEEE802.3x full duplex flow control
Network Ports	• 8 10/100/1000Mbps Auto Sensing Gigabit Ethernet • 2SFP Slots
PoE Power Budget	61.6 W
PoE Standard	IEEE802.3af
PoE mode type	Mode B (deliver power over pair 4-5, 7-8)
PoE Capable Ports	• Port 1 to 8: 15.4W • Max 15.4W on 4 10/100/1000Mbps Port • Max 7.5W on 8 10/100/1000Mbps Port

PERFORMANCE

Switch Capacity	16Gbps
Forwarding Rate	14.88Mpps
Forwarding Mode	Store and Forward
Packet Buffer Memory	512Kbytes
Flash Memory	4Mbytes
Jumbo Frame	9.6K

INDICATOR

LED	• Power LED • Fault LED • PoE Max LED • LAN Mode LED • PoE Mode LED • Copper Ports: LAN/PoE Mode, Link/Act • SFT Ports: Link/Act

SOFTWARE FEATURES

L2 FEATURES

Flow control	802.3x flow control
MAC Address Table	8K
Spanning Tree Protocol	802.1Q STP
IGMP Snooping	Support IGMP v1/v2
Loopback Detection	Auto disable port when loop is detected
Port Mirroring	One-to-One, Many-to-One, Supports Mirroring for Tx/Rx/Both
Cable Diagnostics	Yes
Configurable Auto MDI/MDI-X	Yes

EGS2110P Datasheet Version 091013

*Theoretical wireless signal rate based on IEEE standard of 802.11 b, g, n chipset used. Actual throughput may vary. Network conditions and environmental factors lower actual throughput rate.

** All specifications are subject to change without notice

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VLAN	
802.1Q	Yes
VLAN Group	• Max 64 static VLAN groups, max 4094 VIDs
QoS (Quality of Service)	
802.1p Quality of Service	Yes
Queue Handling	4 priority queues supported
CoS based on	• 802.1p Priority Queues, DSCP
Bandwidth Control	• Port-based (Ingress/Egress, min. granularity 64 Kb/s)
HARDWARE SPECIFICATIONS	
Power Supply	48V DC (External Adapter)
Environment	• Operating temperature: 0 ~ 40°C • Storage Temperature: -40 ~ 70°C • Humidity 5 ~ 95% non-condensing
Dimension	240mm x 105mm x 27mm
Weight	0.6 Kg

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