EGS5110P

8-port Gigabit AT PoE + 2SFP Smart Switch

PRODUCT OVERVIEW

EnGenius EGS5110P is a gigabit PoE Smart switch which caters for Access Points and IP surveillance applications. EnGenius EGS5110P, one of the members from EnGenius Smart PoE provides more bandwidth for high speed application (e.g network access for IEEE802.11n AP, high resolution camera).
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EnGenius Switch family offers 8-Gigabit ports with IEEE802.3af/at PoE Support on port 1-8. All ports, which are compliant with IEEE802.3af/at standards, delivering up to 30 watts along with the connected Ethernet cables to powered devices.

The EGS5110P 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 and even priority-base configuration.

Business Class
EGS5110P

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
Power Consumption	150W Maximum
PoE Power Budget	130W
PoE Standard	IEEE802.3af and IEEE802.3at
PoE mode type	Mode B (deliver power over pair 4-5, 7-8)
PoE Capable Ports	• Port 1 to 8: 15.4W or 30W • Max 30W on 4 10/100/1000Mbps Port • Max 15.4W on 8 10/100/1000Mbps Port • Max 7.5W on 8 10/100/1000Mbps Port
PERFORMANCE	
Switch Capacity	20Gbps
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

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Configurable Auto MDI/MDI-X	Yes
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	100 ~ 240 VAC
Environment	• Operating temperature: 0 ~ 40°C • Storage Temperature: -40 ~ 70°C • Humidity 5 ~ 95% non-condensing
Dimension	330mm x 230mm x 44mm
Weight	2.04Kg

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