

UMS-20402ECP UMS-20801ECP

2.5G NBASE-T Unmanaged PoE++ Switches



Overview

The SERA UMS-20402ECP and UMS-20801ECP is a Cost Effective 2.5Gb Unmanaged POE Ethernet Switch.

UMS-20402ECP is 4×10/100/1000/2500 BASE-T ports and 2×10G SFP+ ports, Ports1 to 4 fully support IEEE802.3 at/bt Type-4 up to 95W.

UMS-20801ECP is 8×10/100/1000/2500 BASE-T ports and 1×10G SFP+ ports, Ports1 to 8 fully support IEEE802.3 at/bt Type-4 up to 95W.

To attached devices, such as VOIP phones, wireless access points surveillance cameras etc. Fully utilizing the existing Cat. 5/5e/6 cable infrastructure.

Features

- 10/100/1000/2500M Auto-Negotiation
- Supports 802.3bt Type-4 PoE, up to 95 W power budget per port
- Enhance designs with efficient, eco-friendly GaN power
 - Plug-and-Play no setup required
 - Auto MDI/MDIX for each port
- Back pressure flow control for half-duplex
- IEEE802.3x Flow Control supports for Full-Duplex
- Store-and-Forward switching method
- Supports Jumbo Frame
- Embedded Packet Buffer Memory for Performance Improvement
- Broadcast/Multicast/Unicast Storm Control
- IEEE802.1p, Priority Queue
- Non-blocking switching architecture for maximum throughput at wire speed

Specifications		UMS-20402ECP	UMS-20801ECP
2.5G NBASE-T Unmanaged PoE++ Switch	Ethernet Port		
	2.5G NBASE-T	4	8
	10G SFP+	2	1
	Performance		
	Switching Capacity	60 Gbps	60 Gbps
	MAC Address Table Size	4 K	4 K
	Packet Buffer Memory	1 MB	1 MB
	Jumbo Frame Size	12 KB	12 KB
	Forwarding Rate (64-byte)/Port	44.64 Mpps	44.64 Mpps
	Auto MDI/MDI-X	Yes	Yes
	PoE		
	PoE Port	Port 1~4	Port 1~8
	PoE Budget per Port	95 W (IEEE802.3bt Type-4)	95 W (IEEE802.3bt Type-4)
	PoE Budget per Device	240 W	480W
	LED		
	Per Device	Power / PoE MAX	Power / PoE MAX
	Per Port	Link/Activity, PoE Status	Link/Activity, PoE Status
	Energy Efficiency		
	Green Ethernet (EEE, 802.3az)	Yes	Yes
	FAN / Fanless	Fanless	2
	Physical Specifications		
	Enclosure Form Factor	Desktop	Desktop
	Material	Metal	Metal
	Dimensions (W x D x H mm)	280 x 180 x 44 mm	330 x 200 x 44 mm
	Environmental Specifications		
	Operating Temperature	0° – 40° C	0° – 40° C
	Operating Humidity (non-condensing)	90% Max.	90% Max.
	EMC		
	EMC Certifications	FCC/CE	FCC/CE
	Safety		
	Safety Certifications	cUL/CB	cUL/CB
	Power		
	Power In (Gallium Nitride power supply)	Internal Power 100-240VAC, 50/60Hz	Internal Power 100-240VAC, 50/60Hz
	Maximum Power Consumption	10W (wo/PoE)	16.5W (wo/PoE)
	IEEE Network Protocols		
	IEEE 802.3 10BASE-T Ethernet	V	V
	IEEE 802.3u 100BASE-TX Fast Ethernet	V	V
	IEEE 802.3ab 1000BASE-T Gigabit Ethernet	V	V
	IEEE 802.3bz 2.5G NBASE-T Ethernet	V	V
	IEEE 802.3x Flow Control	V	V
	IEEE 802.3az Energy Efficiency Ethernet	V	V
	IEEE 802.1p Priority Queue (QoS)	V	V

*Specifications are subject to change without notice.