UES1010
Gigabit Unmanaged Switches





802.3af/at Compliant



1 Gigabit Ethernet Speed



Fanless Design



SFP Support

The UES1010 series gigabit unmanaged PoE switches comes with 5-port and 10-port models, ideal for small offices and businesses. It powers up 802.3af/at-compliant devices such as Altai access points, IP cameras, and VoIP phones without any configuration needed, delivering a true plug-and-play experience without requiring technical expertise. The UES1010 series is widely applicable to small-to-medium businesses, hotels, and campus.

Product Features

High Performance and Flexible Expansion

Supports forwarding on all ports to meet high-bandwidth requirements. The 10-port model supports Gigabit SFP uplink ports, offering future upgrade while keeping a cost-effective switch for time being.

Surge Protection

Built-in surge protection up to 4KV common-mode on service ports, significantly reducing lightning damage in harsh environments.

Green Energy Saving

Supports EEE energy-saving: if a port is idle for a period, it enters energy-saving mode and is awakened by periodically sent listening frames when traffic received.

Fanless Cooling

Fanless cooling design making it best suited for small business where silent operation is necessary.

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Hardware Specifications

Model	UES1010-5G	UES1010-5G1S-POE	UES1010-10G-POE
Copper Ports	4 x 10/100/1000 Mbps RJ45 Ports	4 x 10/100/1000 Mbps RJ45 Ports	8 x 10/100/1000 Mbps RJ45 Ports
Uplink Ports	1 x 10/100/1000 Mbps RJ-45 Port	1 x 10/100/1000 Mbps RJ-45 Port 1 x 1G SFP Slot	2 x 10/100/1000 Mbps RJ-45 Ports
Architecture	Store-and-Forward	Store-and-Forward	Store-and-Forward
Switching Capacity	10 Gbps	12 Gbps	20 Gbps
Packet Forwarding Rate	7.44 Mpps	8.9 Mpps	14.88 Mpps
MAC Address Table	2K	2K	2K
Buffer Memory	1Mb	1Mb	1Mb
Jumbo Frame	15KB	15KB	15KB
Surge Protection	2KV	4KV	4KV
Installation	Desktop	Desktop	Desktop
Dimensions	101 (L) x 66 (W) x 23 (H) mm	200 (L) x 118 (W) x 44 (H) mm	200 (L) x 118 (W) x 44 (H) mm
Input Power	Power Adapter, 5-12VDC	AC100-240 V, 50-60 Hz	AC100-240 V, 50-60 Hz
Cooling	Fanless	Fanless	Fanless

Power Over Ethernet

Model	UES1010-5G	UES1010-5G1S-POE	UES1010-10G-POE
PoE Standards	N/A	IEEE 802.3af/at	IEEE 802.3af/at
PoE Ports	N/A	Port 1 to 4	Port 1 to 8
Power Pin Assignment	N/A	1/2 (+), 3/6 (-)	1/2 (+), 3/6 (-)
Max Power Per Port	N/A	30 W	30W
Max. PoE Power Budget	N/A	65 W	120W

Functionality

Model	All Models
Protocols and Standards	• IEEE802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE802.3ab 1000 BASE-T • IEEE802.3x Flow Control • IEEE 802.1p QoS • IEEE 802.3az Energy-Efficient Ethernet (EEE)
Advanced Features	• Auto-MDI/MDIX crossover • Secure store-and-forward switching scheme • Full/half-duplex for Ethernet/Fast Ethernet speeds • Supports Jumbo frames • Back pressure at half-duplex • Wire-speed reception and transmission • Auto-negotiation for each port • Quality of Service (8 queues, strict mode)

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Environment Specifications

Model	All Models
Operating Temperature	0 ~ +40 °C
Storage Temperature	-10 ~ +70 °C
Operating Humidity	10 to 90% (Non-Condensing)
Storage Humidity	5 to 95% (Non-Condensing)

Certifications and Warranty

Model	All Models
Certifications	• *CE • *FCC RoHS
Warranty	• 5-Year Limited Hardware Warranty

* To be available in the future.

Product Ordering Information

Standard Package	
Part No.: SD.ES1010-5G-000	• Model: UES1010-5G • 5-Port 1GbE Unmanaged Switch • Power Adapter
Part No.: SD.ES1010-5G1SP-000	• Model: UES1010-5G1S-POE • 5-Port 1GbE and 1-Port SFP Unmanaged PoE Switch • AC Power Cord
Part No.: SD.ES1010-10GP-000	• Model: UES1010-10G-POE • 10-Port 1GbE Unmanaged PoE Switch • AC Power Cord
Contact Us	
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