

UES100-7P

7-Port Gigabit Ethernet Unmanaged PoE Switch

ALTAI
Super WiFi

The UES100-7P is a gigabit unmanaged PoE switch equipped with 4 x 10/100/1000Base-T PoE+ ports, 2 x 10/100/1000Base-T RJ45 ports, and 1 x 1000Base-X SFP port. This switch is ideal for small offices and businesses. It powers up 802.3af/at-compliant devices such as Altai access points, cameras, and VoIP phones without any configuration needed, delivering a true plug-and-play experience without requiring technical expertise.



802.3af/at
Compliant



1 Gigabit
Ethernet Speed



SFP
Support



Fanless
Design

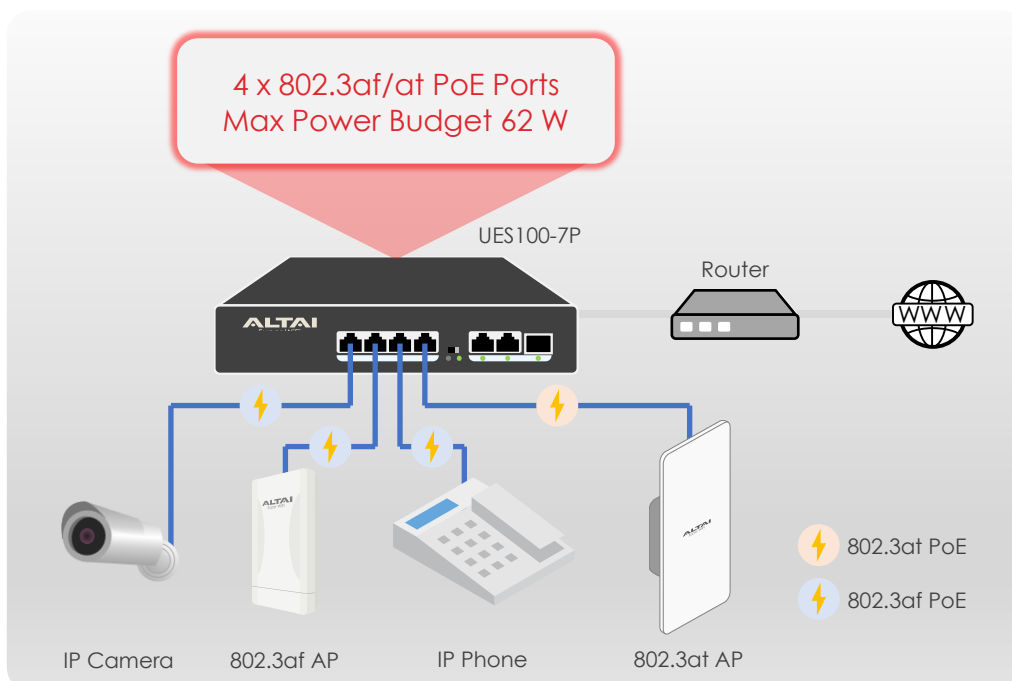


Plug and
Play

Key Features and Benefits

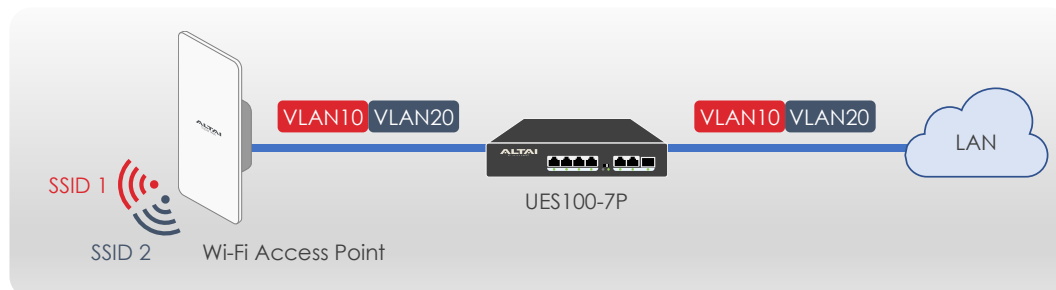
Power over Ethernet

The switch supports 802.3af/at Power over Ethernet to provide electrical power of up to 30 watts, along with data, to remote devices over a standard twisted-pair Ethernet cable. It supports four 1GbE PoE ports, with a total power budget of 62W.



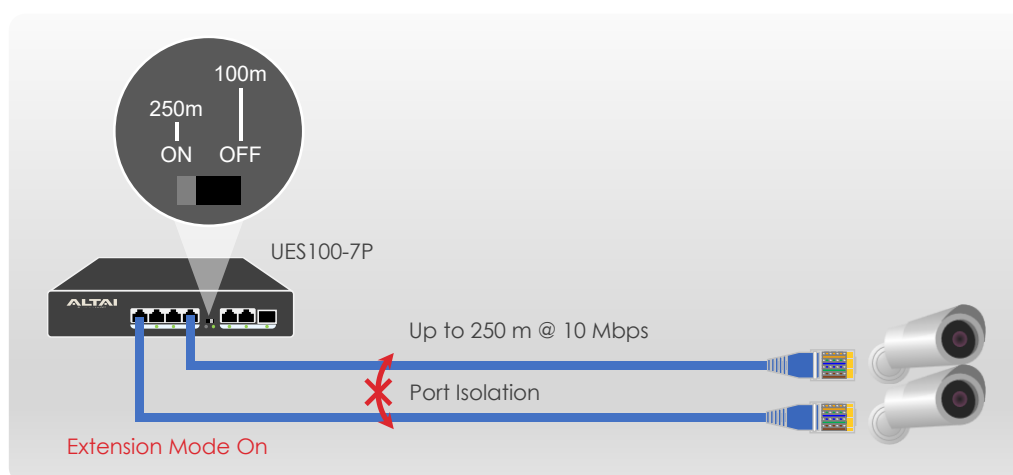
VLAN Passthrough

The UES100-7P supports VLAN passthrough, allowing it to forward VLAN data frames without discarding them.



Ethernet Extension Mode with Port Isolation

The UES100-7P supports Ethernet extension mode. When the switch is toggled on, the data transmission range can be extended up to 250 meters along the standard twisted-pair Ethernet cable, while the rate will be limited at 10 Mbps. This feature is ideal for low-bandwidth applications, such as IoT devices, in scenarios requiring longer cable lengths. In addition, the 4 x PoE ports will be isolated to each other to suppress broadcast storms and improve network performance.



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Hardware Specifications

• Copper Ports	4 x 10/100/1000 Mbps RJ-45 Ports (PoE) 2 x 10/100/1000 Mbps RJ45 Ports (Data)
• SFP/Mini-GBIC Slots	1 x 1 Gbps SFP Uplink Port
• Surge Protection	4 kV 8/20 us
• Enclosure	IP30
• Installation	Desktop mount
• LED	Power: Green Network Link Per RJ-45 Port: Green Link/Activity Per SFP Port: Green Port Isolation: Green
• Dimensions	200 (L) x 130 (W) x 40 (H) mm
• Net Weight	0.6 kg
• Input Power	Single Power Supply: AC100-240 V, 50-60 Hz, 1.0 A
• AC Connector	IEC-320 C14
• Power Consumption	Max. 3 W (Without PoE) Max. 65 W (With PoE)

Performance Specifications

• Architecture	Store and Forward
• Switch Capacity	14 Gbps (Non-Blocking)
• Packet Forwarding Rate	10.4 Mpps @ 64 Byte
• MAC Address Table	2 K
• Buffer Memory	2 MB
• Jumbo Frame	9.2 KB

Power Over Ethernet

• Standards	IEEE 802.3af/at
• PoE Ports	Port 1 to 4
• Power Pin Assignment	1/2(+) 3/6(-)
• Max Power Per Port	30 W
• Total Power Budget	62 W

Environment Specifications

• Operating Temp.	-20 ~ +55 °C
• Storage Temp.	-40 ~ +80 °C
• Operating Humidity	5 to 90% (non-condensing)
• Storage Humidity	5 to 95% (non-condensing)

Certifications

- CE
- FCC Part 15 Class B
- RoHS

Warranty

- 1-Year Limited Hardware Warranty

Product Ordering Information

Standard Package

Part No.: SD.ES100-1113-000

- 6 GbE-Port and 1 Gb SFP Port Unmanaged PoE Switch
- AC Power Cord

Contact Us

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The information contained herein is subject to change without prior notice.