AN6016 -16 Port 10/100Mbps PoE Switch

Overview

The 16-Port unmanaged PoE Switch, with 16 10/100Mbit RJ45 ports, 1 Gigabit Copper/SFP Combo uplink Port, modelAN6016, reduces equipment and installation costs by delivering data and power over existing Ethernet cables to Power over Ethernet (PoE) enabled devices such as Access Points and IP Cameras. Boost office efficiency and reduce network congestion with a total switching capacity of 5.2Gbps. LED indicators display device status for easy power management and troubleshooting. An internal power supply reduces clutter. A convenient on/off button is located on the back of the switch.

Key Features

➢ **Extend:** 1-8 ports support 250 meters long distance power supply (should be using cat5e or cat6 cable)

➢ **VLAN**: Isolating ports 1-16 from each other can effectively suppress network storms and improve network performance.

➢ **QoS**: Customize application priority to improve network sensitivity. For example, video priority, monitoring transmission is smoother.

➢ **PoE**: Automatically detects the power receiving port, finds the dead device, powers off and restarts the device

➢ 16-Port 10/100Mbps + 1 Gigabit Combo uplink Port unmanaged PoE Switch

➢ 16-Port supports power to PoE Powered Device

➢ Complies with the IEEE 802.3af/at standard

➢ Each Switching port supports auto-negotiation-10/20,100/200Mbps (Fast Ethernet), 1000/2000Mbps (Gigabit Ethernet) support

➢ Supports MAC address auto-learning and auto-aging

➢ Prevents packet loss with back pressure (Half-duplex) and IEEE 802.3x PAUSE frame flow control (Full-duplex)

➢ High performance Store and Forward architecture, broadcast storm control, runt / CRC filtering eliminates erroneous packets to optimize the network bandwidth

➢ Non-blocking switching architecture that forwards and filters packets at full wire-speed for maximum throughput

Technical Specification

Fast Ethernet Ports	16 10/100Base-TX RJ-45 Auto-MDI / MDI-X ports
Gigabit ports	1 Gigabit combo
Power over Ethernet ports	16-Port with PoE injector function
Switch Processing Scheme	Store-and-Forward
Switch fabric	5.2 Gbps
Flow Control	Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex
Dimensions	280 x 180 x 44 mm
Weight	2.3kg
Power Requirement	100-240V AC, 50-60 Hz
Temperature	Operating: 0~50 ° C Storage: -40~70° C
Humidity Operating	5% to 90%, Storage: 5% to 90% (Non-condensing)
Warranty	1 year
PoE Standard	IEEE 802.3af/at Power over Ethernet / PSE
PoE Power Supply Type	End-Span
PoE Power Output	Per Port 48V DC, Max 30 watts
Power Pin Assignment	1/2(+), 3/6(-)
Power dissipation	150 watts
Certifications	FCC , CE, ROHS

Aristel