Features Highlight

Unparalleled Network Performance

Excessive and unnecessary inbound unicast, multicast or broadcast traffic on physical interfaces can degrade your network performance and can even result in complete loss of network service. Storm control and traffic monitor features of UT-1319A Series enables ISPs to effectively monitor and limit incoming traffic to prevent disruption of LAN ports. In addition, Loop detection on the switch identifies loops in the network and disables the relevant ports to avoid loop storms, preventing LAN degradation and achieving maximum network performance. These features along with auto-recovery timer deliver robotic methods to control your network automatically.

Stable and Reliable Device Operations

Abnormal power supply puts extra strain on the components of the switch, wearing it down over time and resulting in increased network downtime. Built with increased level of power supply protection, UT-1319A Series features OCP, OVP and Surge protection to ensure stable and reliable device operations. Surge protector function on each copper port and protects the ports as well as device from surges entering through LAN cables. Even in unstable power conditions, these features of the switch prevent sudden network downtime protecting your infrastructure investments and avoiding unnecessary operational expenditure.

Comprehensive QoS Mechanisms to Assign Priority

Network applications need different levels of services delivered to them reliably without any transmission delays and interruptions. UT-1319A Series has comprehensive QoS mechanisms that assign priority to applications and send only specific dedicated traffic to them. In addition, bandwidth management functions of the switch allocate greater bandwidth for mission-critical communications. With increased control, administrators can prevent unpredictable errors and utilize the bandwidth more effectively.

Efficient Network Monitoring and Management Tools

UT-1319A Series features SNMP, an industry standard management protocol, enables administrators to centrally manage and monitor the network, and easily but quickly identify issues that impact network performance. Supported by SNMP traps, the switch allows administrators to monitor unsolicited SNMP trap messages and maintain a helpful network status data for managing a healthy network. And in the event of network malfunction, Email alarm feature of the switch sends email alerts to notify administrator regarding real time network problems. These efficient features speed up and simplify network monitoring and troubleshooting, reducing operational head burden.

Description

UT-1319A Series is an entry level access switch which belong to serial products for villages. The Switch is designed to deliver power and reliability in one cost-effective equipment, a scalable and future-proof network solution to fit the network requirements of families and small communities. Providing the ideal combination of affordability and excellent switching capabilities, it helps to create an efficient network at relatively cost effective. Built with powerful chipset and richly equipped with much software features, the switch delivers maximum performance and enables service providers to operate their network more efficiently.

Designed with 4 downlink copper ports that deliver 10/100/1000Mbps speeds, UT-1319A Series is a perfect effective cost solution for service providers who want to offer high-value Ethernet services for low density subscriber base with medium ARPU. Equipped with Dual 1000 multi-rate SFP uplinks which can be configured as ring ports to provide link redundancy in gigabit fiber based ring architecture networks, or daisy chain to extend distance.

Parameter	Specifications
Design Level	Hardened grade IP30 design standards
Access mode	10/100/1000Mbps
Standard	IEEE802.3 10Base-T、 IEEE802.3u 100Base-TX/FX、 IEEE802.3ab 1000Base-T、 IEEE802.3z 1000Base-SX/LX、 IEEE802.3x Flow Control IEEE802.1d STP IEEE802.1w RSTP IEEE802.1p CoS (QoS) IEEE802.1q VLAN Tagging IEEE802.3az Energy Efficient Ethernet
Wavelength	Multi-mode : 850nm Single-mode : 1310nm/1550nm
Transmission distance	Dual-fiber Multi-mode : 220/500 m Single-mode : 10/20/40/60/80/100 km Single fiber Single-mode : 20/40 UTP/STP : 100m (Category5/5E or better)
Port	UTP/STP Connector : 4 x RJ45 Type, EIA568A/B Fiber Optic Connector : 2 x LC (SFP Module)
Configuration	Command Line Interface, Telnet, Web GUI, Syslog SNMP v1/v1c, Management VLAN, SNTP, Firmware Upgradable, Configuration Upload/Download
VLAN	IEEE 802.1Q Tag-based VLAN, Port Isolation
Traffic control	IGMP snooping, QoS, Rate Limitation, Storm Control Port Isolation, STP, RSTP, LLDP
Diagnostics	LED status, SNMP trap, E-mail alarm, SFP DDMI, Port Mirroring , RMON, Port Statistic
MAC address table	8K
Static MAC address	256
Switching Fabric	12Gbps
L2 Forwarding	8.93Mpps
Packet buffer size	4.1Mbit
Flow control	Full duplex: flow control Half duplex: back pressure
MTBF	50,000 hours
Power supply	Power Input Range : 12V DC/1A ,
Power consumption	10W
Power Input Polarity Protection	Present
Power Voltage Drop Alarm	Present

Parameter	Specifications
Surge Protection	3KV (Line to Ground)
Mounting	DIN-Rail, Wall-Mount (Optional)
Operating temperature	0 ⁰C ~ 60⁰C
Operating humidity	10%~80% RH (non-condensing)
Storage Temperature	-20⁰C ~ 70⁰C
Storage humidity	5%~90% RH (non-condensing)
Dimensions	46mm (W) × 99.6mm (D) × 116mm (H)
Weight	0.53kg

Dimension