**AP
ESG3018**

16 Port Gigabit + 2SFP Slots Web Smart Ethernet Switch

- **16GE+2SFP Full Gigabit Switch.**

- **VLAN support to easily segment IP traffic.**

- **Management via Web-Based GUI / Telnet.**

- **Up to 4K VLANs simultaneously.**

- **Support for Quality of Service to prioritize time sensitive traffic.**

- **Support IGMP Snooping, Link Aggregation, Port Mirroring and Loop Prevention.**

Air Pro

OVERVIEW

Air Pro 16 Port Gigabit L2 Managed Switch offers 16 10/100/1000Mbps port. The switch provides high performance, enterprise level QOS, advanced security strategies and rich layer 2 management features. Additionally, 16GE+2SFP Ports L2 managed switch comes equipped with 2 Gigabit SFP slots so that your network can be expanded flexibly. This is ideal cost effective network solution for SMB.

Advanced QoS features :

To integrate voice, data and video service on one network, the switch features rich QoS policies. The administrator can designate the priority of the traffic based on a variety of means, including IP or MAC address, TCP or UDP port number, etc., to assure that voice and video are always clear, smooth and jitter free.

HARDWARE SPECIFICATIONS

ITEMS	SPECIFICATIONS
Interface	16 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 2 1000Mbps SFP Slots 1 Console Port
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000Base-T: UTP category 5, 5e, 6 or above cable (maximum 100m) 1000BASE-X: MMF, SMF 1000Base-L X:62.5µm/50µm MM(2m~550m) or 10µm SMF(2m~5000m)
Fan Quantity	Fanless
External Power Supply	AC 110~265V 50/60HZ
Exchange Capacity	20G
Packet Forwarding Rate	14.9Mpps
Mac Address Table	8K
Packet Buffer Memory	4Mb
Jumbo Frame	10240 Bytes
Dimensions	Product Size： 225mm* 180mm*44mm（L*W*H）

SOFTWARE SPECIFICATIONS

ITEMS	SPECIFICATIONS
Quality of Service	Support 802.1p CoS/DSCP priority Support 4 priority queues Queue scheduling: SP, WRR, SP+WRR Port/Flow- based Rate Limiting
L2 Features	IGMP Snooping V1/V2/V3 802.3ad LACP (Up to 8 aggregation groups, containing 8 ports per group) Spanning Tree Port isolation
VLAN	Supports up to 4K VLANs simultaneously (out of 4K VLAN IDs) Port/ MAC/Protocol-based VLAN Management VLAN configuration
Access Control List	L2 ~ L4 package filtering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1p, DSCP, protocol and VLAN ID; Time Range Based
Security	SSH v1/v2, Port Security, Broadcast/Multicast/Unknown-unicast Storm Control
Management	Web-based GUI and CLI management SNMP v1/v2c/v3,compatible with public MIBs DHCP/BOOTP Client, DHCP Snooping, CPU Monitoring, Port Mirroring Time Setting: SNTP Integrated NDP/NTDP feature Firmware Upgrade: TFTP & Web

OTHERS

ITEMS	SPECIFICATIONS
Certification	CE, FCC, RoHS
Package Contents	Gigabit Switch Electric Line Guide Book/Warranty Card
Environment	Working Temperature : 0℃ ~ 40℃ Storage temperature : -40℃ ~ 70℃ Working Humidity : 10% ~ 90% RH non-condensing Storage Humidity : 5% ~ 90% RH non-condensing

Air Pro

www.airpro.in

DATASHEET