Product Datasheet

8-port Gigabit Ethernet Switch

(ARN3008)

OVERVIEW

The ARN3008 is an unmanaged gigabit Ethernet switch independently developed by Airnet. It has 8*10/100/1000M RJ45 ports. The scheme of the large backplane and large cache switching chip is preferred to improve the forwarding rate of large files and effectively solve the problems of video freeze and picture loss in the high-definition surveillance environment. It is suitable for hotels, banks, campuses, factory quarters and small and medium-sized enterprises to establish a cost-effective network.

Unmanaged mode, plug and play, no configuration, simple and convenient to use.

FEATURE

■ **Full gigabit rate, high-speed transmission**

◇ Support full Gigabit Ethernet port, high speed and fast transmission, convenient for users to flexibly network to meet various high-definition network requirements.

◇ Support non-blocking wire-speed forwarding.

◇ Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.
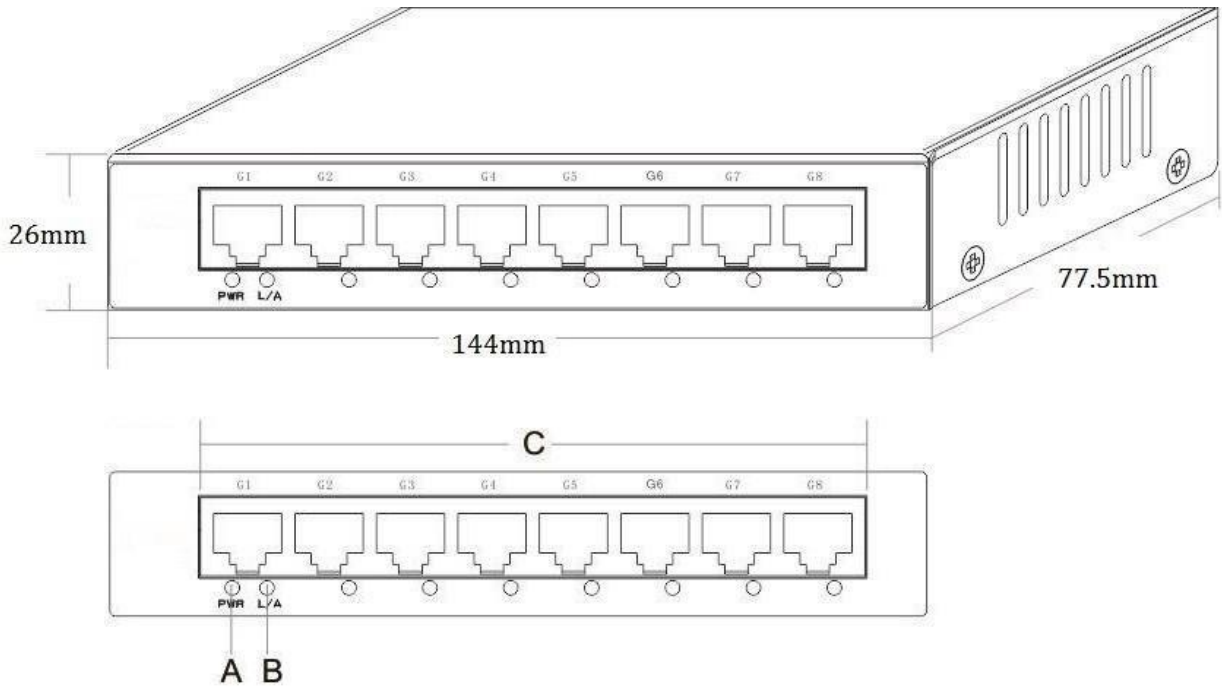
■ **Stable and reliable, easy to operate**

◇ CE, FCC, RoHS.

◇ Low power consumption, metal casing, the fan active cooling.

◇ Self-developed power supply, high redundancy design, providing a long term and stable power output.

◇ Plug and play, no configuration, simple and convenient.

◇ The user-friendly panel can show the device status through the LED indicator of PWR, L/A.

TECHNICAL SPECIFICATION

Model	ARN3008
Interface Characteristics	
Fixed Port	8*10/100/1000Base-T RJ45 ports (Data)
Ethernet Port	10/100/1000Base-T auto-sensing, full/half duplex MDI/MDI-X self-adaption.
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-T: Cat5e or later UTP(≤100 meter)
Chip Parameter	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T

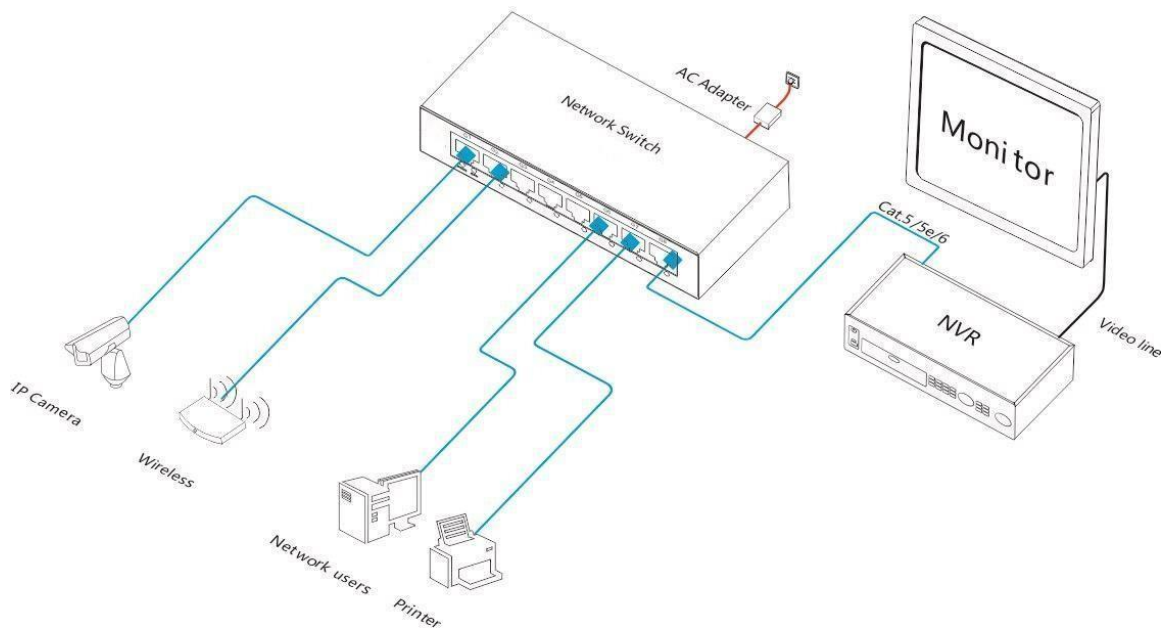|	IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-TX, IEEE802.3x
Forwarding Mode	Store and Forward(Full line speed)
Switching Capacity	16Gbps (Non-blocking)
Forwarding Rate@64byte	11.9Mpps
MAC	2K
Buffer Memory	2M
Jumbo Frame	9.2K
LED Indicator	Power: PWR (Green), Network:L/A(Green)
Power Supply	
Total PWR / Input Voltage	5W (DC9-12V) 7W (DC9-12V)
Power Consumption	Standby<2W, Full Load<7W
Power Supply	External power adapter, AC100~240V 50-60Hz 0.56A
Physical Parameter	
Operation TEMP / Humidity	-20~+55°C, 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+75°C, 5%~95% RH Non condensing
Dimension (L*W*H)	90*70*27mm 144*77.5*26mm
Net /Gross Weight	<0.35kg /<0.6kg
Installation	Desktop, Wall-mounted
Certification & Warranty	
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30
Certification	CCC, CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS
IP	IP20
Warranty	1 year

DIMENSION

A. Power indicator   B. Network indicator

C. 8*10/100/1000M RJ45 ports

APPLICATION

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ORDERING INFORMATION

Model	Description	External Power Adapter
ARN3008S	Unmanaged Ethernet switch with 8*10/100/1000M RJ45 ports. External power adapter.	9W

PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	8-port gigabit Ethernet switch	1	SET
	Power Adapter	1	PC
	User Guide	1	PC
	Warranty Card	1	PC