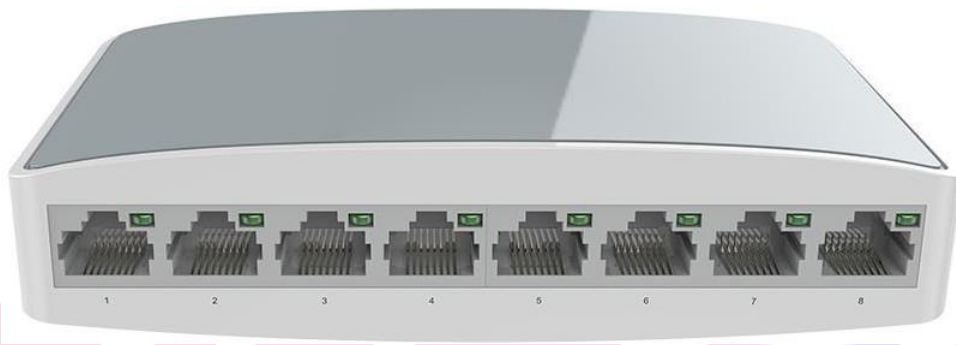**Product Datasheet**

8-port Gigabit Ethernet Switch

(ARN3008S)

OVERVIEW

The ARN3008S is an unmanaged gigabit Ethernet security switch. It has 8*10/100/1000Base-T 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.

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Airnet Technology, 146 Brookline Ave, 7th Floor, Boston, MA 02215, USA.

FEATURE

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

◇ Full Gigabit Ethernet port, high speed, fast transmission, convenient for users to flexibly network, and 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**

◇ CE, FCC, RoHS.

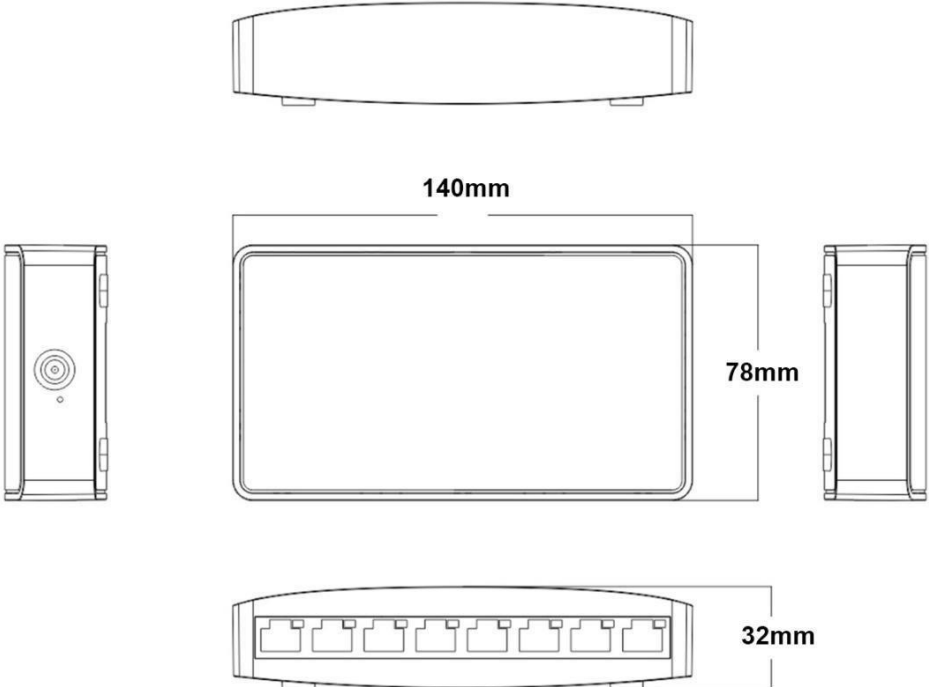◇ Low power consumption, no fan, flame retardant plastic casing.

- **Easy to operate**

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

◇ The user-friendly panel, it can show the device status through the LED indicator of PWR, Link/Act.
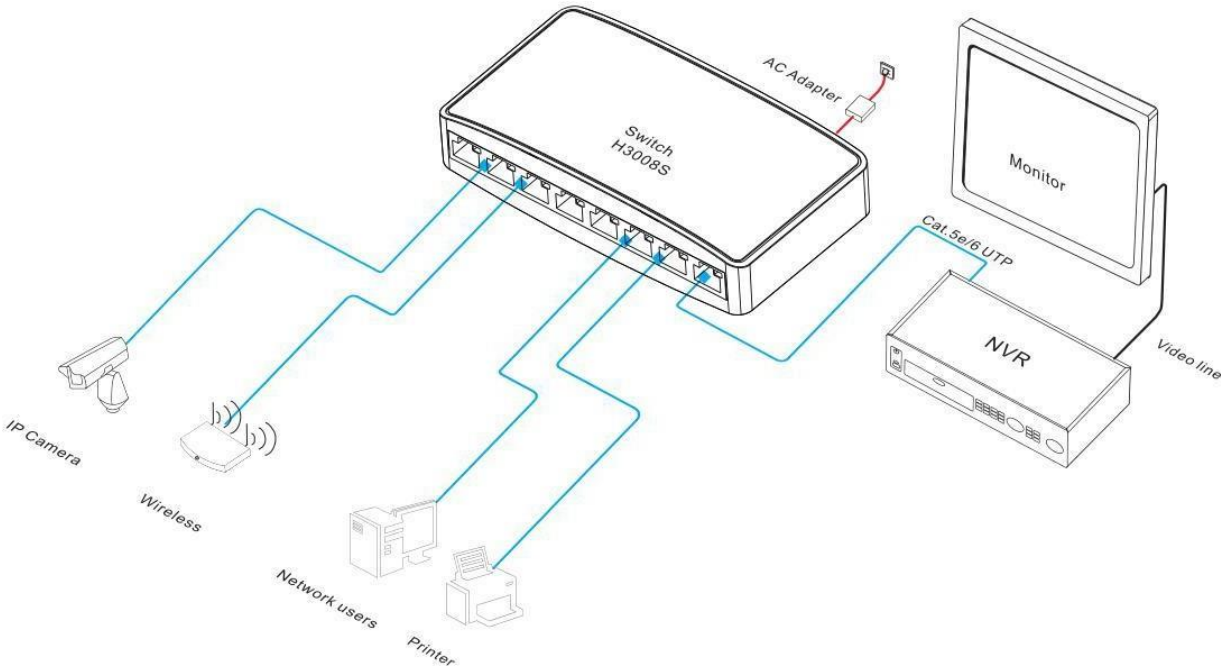
TECHNICAL SPECIFICATION

Model	ARN3008S
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-T, IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	10Gbps (Non-blocking)
Forwarding Rate@64byte	11.9Mpps
MAC	2K
Buffer Memory	2M
LED Indicator	Power: PWR (green), Network: Link/Act(green)
Power	
Total PWR / Input Voltage	5W/ (DC5V)
Power Consumption	Standby<1W, Full Load<4W
Power Supply	External power adapter, AC100~240V 50-60Hz 0.56A
Physical Parameter	
Operation TEMP / Humidity	0~+55°C, 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+75°C, 5%~95% RH Non condensing
Dimension (L*W*H)	100*70*28mm
Net /Gross Weight	<0.15kg /<0.3kg
Installation	Desktop, wall mounted
Certification & Warranty	
Lightning protection / protection level	Lightning protection: 4KV 8/20us; Protection level: IP30
Certification	CCC,CE mark, commercial, CE/LVD EN60950,FCC Part 15 Class B; RoHS
Warranty	1 year

DIMENSION

APPLICATION

www.airnet-technology.com

ORDERING INFORMATION

Model	Description	Power Supply
ARN3008S	Unmanaged Ethernet switch with 8*10/100/1000M RJ45 ports. External power supply.	5V/1A

PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	8-port gigabit Ethernet switch	1	SET
	Power Adapter 5V/1A	1	PC
	User Guide	1	PC
	Warranty Card	1	PC

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