

Product Datasheet

26-port Gigabit Ethernet Fiber Switch

SUN-H3226F



SUN-H3226F è uno switch in fibra Ethernet gigabit non gestito. Dispone di 24* porte RJ45 10/100/1000M e 2* porte SFP 1000M. L'interfaccia combinata RJ45 e SFP non è influenzata dal mezzo di trasmissione e consente una comoda connessione ed espansione della rete. Lo schema del backplane di grandi dimensioni e del chip di commutazione a cache di grandi dimensioni è ideale per migliorare la velocità di inoltro di file di grandi dimensioni e risolvere efficacemente i problemi di congelamento del video e di perdita di immagini nell'ambiente di sorveglianza ad alta definizione.

■ Full gigabit rate, high-speed transmission

- ◇ Support non-blocking wire-speed forwarding.
- ◇ Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.
- ◇ A combination of Gigabit Ethernet port and Gigabit SFP port to meet the networking requirements of various scenarios.

■ Stable and reliable, easy to operate

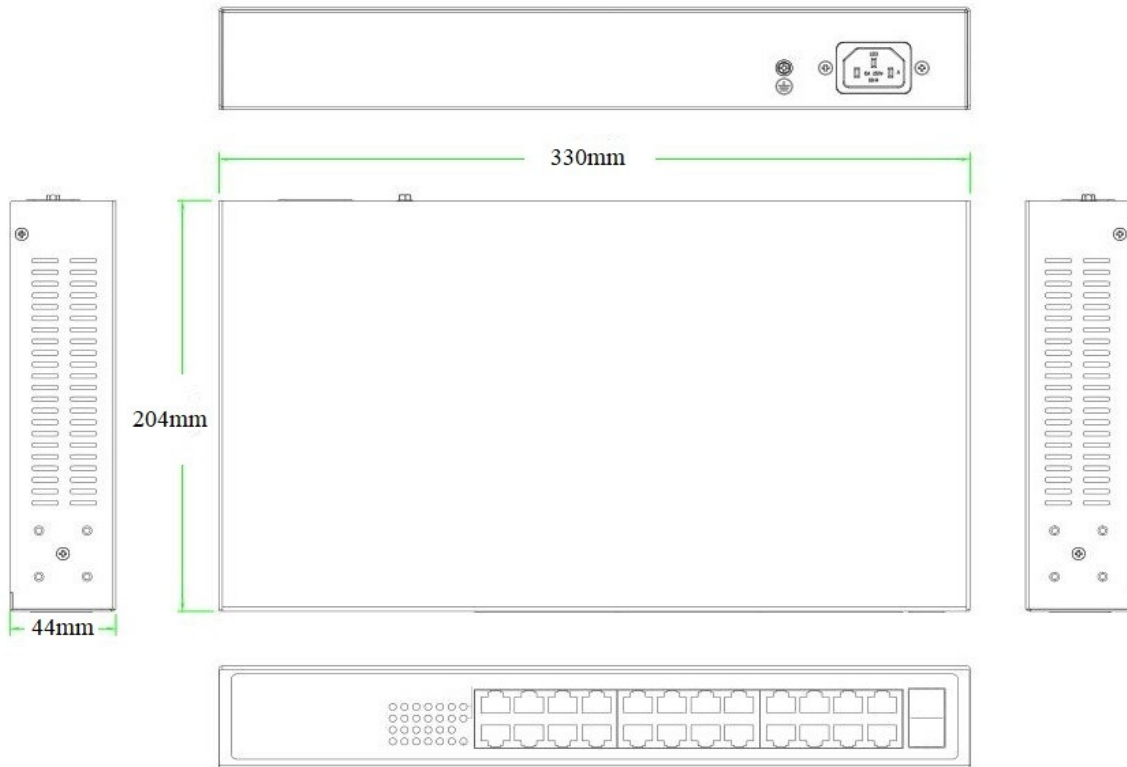
- ◇ CE, FCC, RoHS.
- ◇ Low power consumption, metal casing, with fan.
- ◇ Plug and play, no configuration, simple and convenient.
- ◇ The user-friendly panel, it can show the device status through the LED indicator of Link/Act, PWR.
- ◇ Self-developed power supply, high redundancy design, providing a long term and stable power output.

TECHNICAL SPECIFICATION

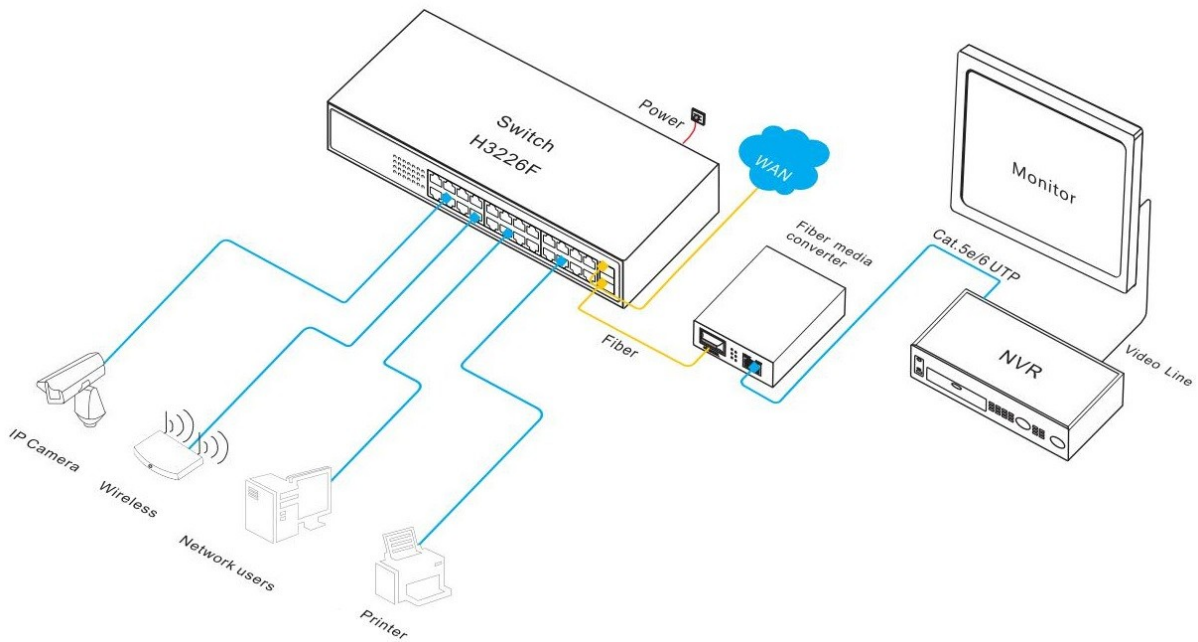
Model	SUN-H3218F	SUN-H3226F
Interface Characteristics		
Fixed Port	16*10/100/1000Base-T RJ45 ports (Data) 2*1000Base-X uplink SFP ports (Data)	24*10/100/1000Base-T RJ45 ports (Data) 2*1000Base-X uplink SFP ports (Data)
Ethernet Port	Port 1-16/ 1-24 support 10/100/1000Base-T auto-sensing, full/ half duplex MDI/ MDI-X self-adaption.	
Fiber Port	Gigabit SFP optical interface, default no include optical modules (optional single-mode/ multi-mode, single fiber / dual fiber optical module. LC)	
Optical Cable/ Distance	Multi-mode: 850nm /0-550m Single-mode: 1310nm/ 0-40km, 1550nm /0-120km.	
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meters) 100BASE-TX: Cat5 or later UTP(≤100 meters) 1000BASE-T: Cat5e or later UTP(≤100 meters)	
Chip Parameter		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-TX, IEEE802.3z 1000Base-X, IEEE802.3x	
Forwarding Mode	Store and Forward (Full Wire Speed)	
Switching Capacity	48Gbps (Non-blocking)	52Gbps (Non-blocking)

Forwarding Rate@64byte	26.78Mpps	38.69Mpps
MAC	8K	
Buffer Memory	4M	
LED Indicator	Power: PWR (Green), Network: Link/Act (Green)	
Power Supply		
Total PWR / Input Voltage	30W (100-240V)	
Power Consumption	Standby<7W, Full Load<16W	Standby<8W, Full Load<20W
Power Supply	Built-in power supply, AC100~240V 50-60Hz 0.56A	
Physical Parameter		
Operation TEMP / Humidity	-20°C~+55°C, 5%~90% RH Non condensing	
Storage TEMP / Humidity	-40°C~+75°C, 5%~95% RH Non condensing	
Dimension (L*W*H)	270*180*44.5mm	330*204*44mm
Net /Gross Weight	<1.2kg /<1.8kg	<2.1kg /<2.8kg
Installation	Desktop, wall mount	
Certification & Warranty		
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30	
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS	

DIMENSION



APPLICATION



ORDERING INFORMATION

Model	Description
SUN-H3218F	Unmanaged Ethernet switch with 16*10/100/1000M RJ45 ports and 2*1000M SFP fiber ports. Built-in 30W power adapter. compatible with 1U 19 inch cabinet installation.
SUN-H3226F	Unmanaged Ethernet switch with 24*10/100/1000M RJ45 ports and 2*1000M SFP fiber ports. Built-in 30W power adapter. compatible with 1U 19 inch cabinet installation.
SUN-H3226FU	Unmanaged Ethernet switch with 24*10/100/1000M RJ45 ports and 2*1000M SFP fiber ports. Built-in 30W power adapter. standard 1U 19 inch cabinet installation.

OPTICAL MODULE

Product	Model	Description	Unit
1.25G Optical Module	SUN-2630	SFP optical module, 1.25G, multi-mode dual fiber 850nm, transmission distance: 550m, LC interface, support DDM, hot plug and pull.	PC
	SUN-2632	SFP optical module, 1.25G, single-mode dual fiber 1310nm, transmission distance: 20km, LC interface, support DDM, hot plug and pull.	PC
	SUN-2612-T	SFP optical module, 1.25G, single-mode single fiber TX1310nm/RX1550nm, transmission distance: 20km, LC interface, support DDM, hot plug and pull.	PC
	SUN-2613-R	SFP optical module, 1.25G, single-mode single fiber TX1550nm/RX1310nm, transmission distance: 20km, LC interface, support DDM, hot plug and pull.	PC
	SUN-2612-T-SC	SFP optical module, 1.25G, single-mode single fiber TX1310nm/RX1550nm, transmission distance: 20km, SC interface, support DDM, hot plug and pull.	PC
	SUN-2613-R-SC	SFP optical module, 1.25G, single-mode single fiber TX1550nm/RX1310nm, transmission distance: 20km, SC interface, support DDM, hot plug and pull.	PC
Power Module	SUN-2633	1.25G SFP optical module transfers to 10/100/1000M RJ45 port.	PC

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