

Product Datasheet

10-port Full Gigabit Ethernet Fiber Switch

SUN-33008F/SUN-33008FO



SUN-33008F è uno switch in fibra Ethernet full gigabit, ad alte prestazioni e di facile manutenzione. Dispone di 2* porte RJ45 10/100/1000M e 8* porte SFP 1000M in fibra. Ciascuna porta può supportare l'inoltro a velocità cablata. Non è influenzato dal mezzo di trasmissione e realizza una comoda connessione ed espansione della rete. Il buffer di inoltro dei pacchetti di grande capacità da 2M garantisce la trasmissione tempestiva di file di grandi dimensioni e lo streaming video stabile per 7*24 ore senza cadute, risolvendo efficacemente problemi quali perdita di immagini e video in ambienti di monitoraggio ad alta definizione. Lo switch SUN-33008F adotta un alloggiamento in acciaio ad alta resistenza.

■ Gigabit SFP fiber port access, gigabit RJ45 ports uplink

- ◇ All series support "10/100/1000M Ethernet port and Gigabit SFP fiber port" combination, which enables users to flexibly build networking to meet the needs of various scenarios.
- ◇ Support non-blocking wire-speed forwarding.
- ◇ Support full-duplex based on IEEE802.3x and half-duplex based on backpressure.

■ Stable and reliable, easy to use

- ◇ CCC, CE, FCC, RoHS.

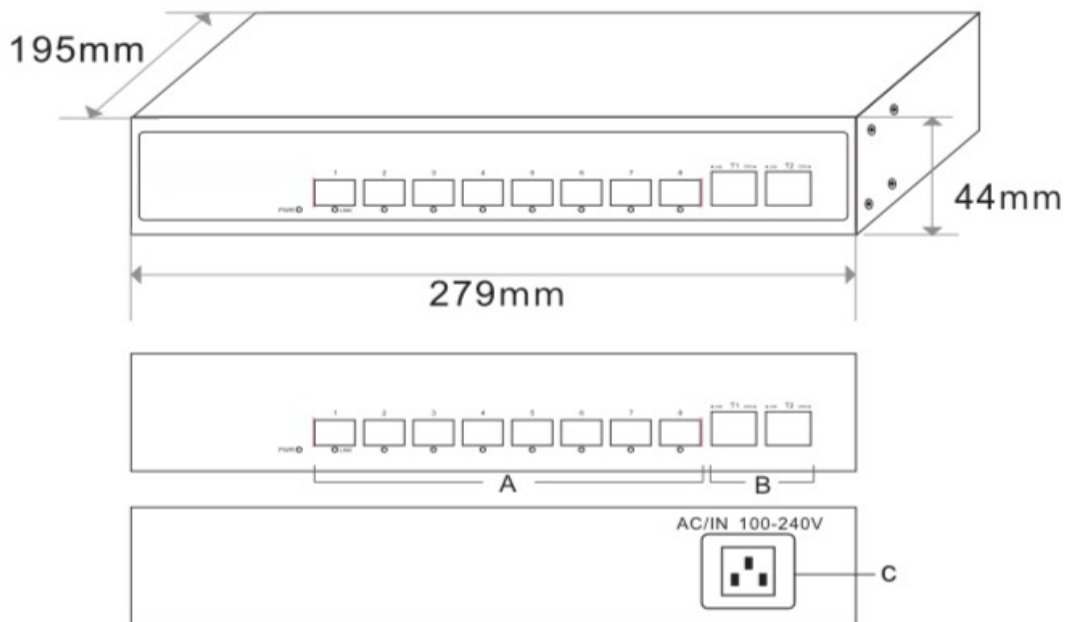
- ◇ Plug and play, no setup, simple and convenient to use.
- ◇ Low power consumption, galvanized steel metal casing.
- ◇ Self-developed power supply, high redundancy design, providing a long term and stable power output.
- ◇ The user-friendly panel, it can show the device status through the LED indicator of PWR, Link.

TECHNICAL SPECIFICATION

Model	SUN-33008F	SUN-33008FO
Interface Characteristics		
Fixed Port	8*1000Base-X SFP slot ports(Data) 2*10/100/1000Base-T uplink RJ45 ports (Data)	
Ethernet Port	Port 9-10 support 10/100/1000Base-T(X) automatic detection, full / half duplex MDI/MDI-X adaptive	
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)	
SFP Slot Port	Gigabit SFP optical fiber interface, default not matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)	
Optical Cable/ Distance	Multi mode: 850nm / 0 ~ 500M single mode: 1310nm / 0 ~ 40KM, 1550nm / 0 ~ 120KM.	
Chip Parameter		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X, IEEE802.3x	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	20Gbps	

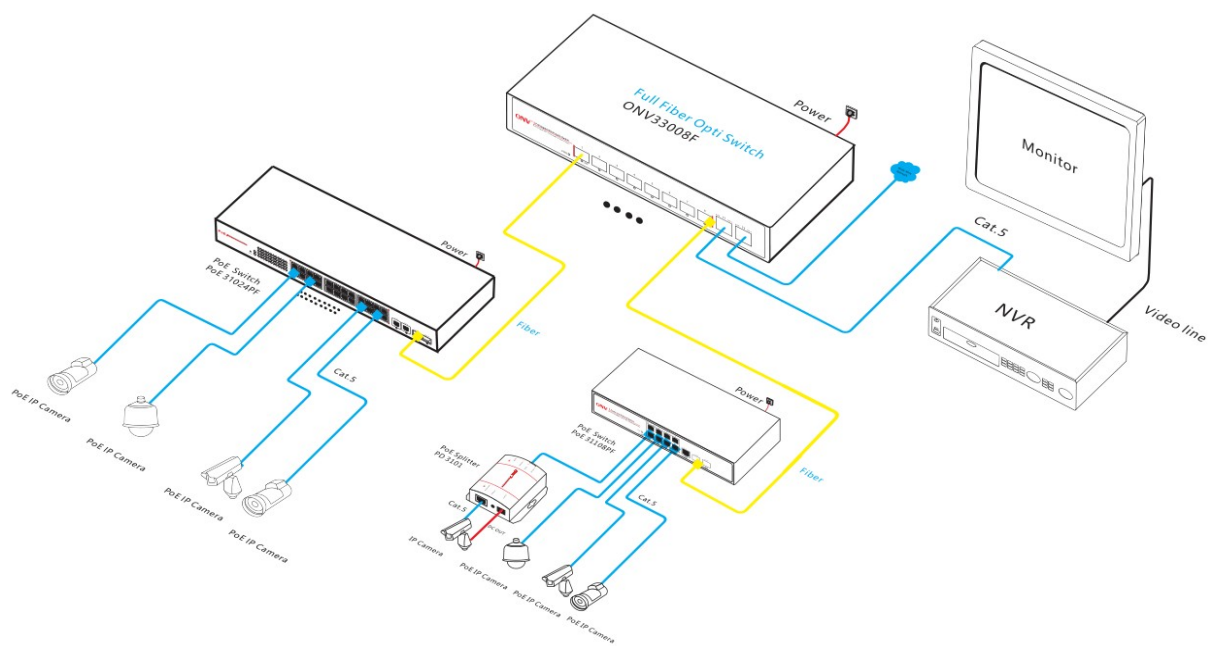
Forwarding Rate@64byte	14.88Mpps	
MAC	8K	
Buffer Memory	2M	
Jumbo Frame	10K	
LED Indicator	Power: PWR (green), network: Link, (yellow), speed: 100/1000M (green)	
Power		
Total PWR / Input Voltage	15W/ (AC100-240V)	15W/DC12V
Power Consumption	Standby<8W, Full load<15W	
Power Supply	Built-in power adapter, AC100 - 240V 50-60Hz 0.35A	External power adapter, AC100 - 240V 50-60Hz 0.35A
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)	270*118*44.5mm	221*112*29mm
Net /Gross Weight	<1.0kg / <1.3kg	<0.7kg / <1.0kg
Installation	Desktop, wall-mounted,19 inch 1U cabinet	
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	

DIMENSION



A. 8*1000M SFP fiber ports B. 2*10/100/1000M RJ45 ports
C. Power input port AC100-240V, 50Hz

APPLICATION



ORDERING INFORMATION

Model	Description	Configure Power Adapter
SUN-33008F	Unmanaged Ethernet fiber switch with 2*10/100/1000M RJ45 ports and 8*1000M uplink SFP ports. Built-in power adapter. Support 1U/19 inch rack installation.	15W
SUN-33008FO	Unmanaged Ethernet fiber switch with 2*10/100/1000M RJ45 ports and 8*1000M uplink SFP ports. External power adapter.	15W

Note: Ethernet switch does not match the SFP optical module.

OPTICAL MODULE INFORMATION

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 function, support hot plug and pull.	PC
	SUN-2632	SFP optical module, 1.25G, single-mode dual fiber 1310nm, transmission distance: 20km, LC interface, support DDM function, support 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 function, support 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 function, support 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 function, support 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 function, support hot plug and pull.	PC
Power Module	SUN-2633	1.25G SFP optical module transfers to 10/100/1000M RJ45 port.	PC

SUNELL ITALIA STARK SOLUTION

Via 3° Strada n°36 Zona Industriale 95121 Catania (CT)

info@sunellitalia.net