



Model	SP3006FM-L2	SP3010FM-L2	SP3012FM-L2	SP5012FM-L2
Hardware Version	V3	V3	V3	V2
Interfaces				
Downlink Ports	4 x 10/100/1000Mbps RJ45 ports	8 x 10/100/1000Mbps RJ45 ports	8 x 10/100/1000Mbps RJ45 ports	8 x 10/100/1000Mbps RJ45 ports
Uplink Ports	2 x 1000M/2.5Gbps SFP ports	2 x 1000M/2.5Gbps SFP ports	4 x 1000M/2.5Gbps SFP ports	4 x 1000M/2.5G/10Gbps SFP ports
Management Port	1 × Console Port			
PoE				
PoE Port	Port 1-4	Port 1-8		
PoE Standard	Port 1-2: 802.3af/at/bt Port 3-4: 802.3af/at	Port 1-2: 802.3af/at/bt Port 3-8: 802.3af/at		
PoE Pin Assignment	1/2(+), 3/6(-), 4/5(+), 7/8(-)			
PoE Power	90W Max. for port 1-2, 30W Max. for port 3-4 120W Max. (PoE power budget)	90W Max. for port 1-2, 30W Max. for port 3-8 240W Max. (PoE power budget)		
Performance				
Memony and Flash	Memory: 512MB Flash: 512MB			
Switch Property				
Forwarding Mode	Store and Forward			
Switching Capacity	18Gbps	26Gbps	36Gbps	96Gbps
Packet Forwarding Rate	13.4Mpps	19.3Mpps	26.8Mpps	71.4Mpps
MAC Address Table	16k			
Packet Buffer Memory	2Mbit		12Mbit	
Jumbo Frame	10kB			
Power Supply				
Input Power	Power 1 (Main): 44~57V DC Power 2 (Backup): 44~57V DC			
Power Consumption	Idle: 8W 100% Traffic Rate with PoE: 128W	Idle: 10W 100% Traffic Rate with PoE: 250W	Idle:15W 100% Traffic Rate with PoE: 255W	Idle:18W 100% Traffic Rate with PoE: 258W
Physical Characteristics				
LED Indicators	P Off: the device is power off or failed Green On: the device power on is normal S Off: device system initialization Blinking: The system is working properly Link Off: ports link down On: ports link up Blinking: data on TX/RX PoE Off: PoE not working On: PoE working Fiber ports indicators Off: ports link down Green On: ports link up Green Blinking: data on TX/RX			
Fan Quantity	Fanless			
Switch Dimensions (W*D*H)	56*115*158 mm			
Package Dimensions	272*202*94 mm			
Weight	Net Weight: 1.15kg	Net Weight: 1.15kg	Net Weight: 1.18kg	Net Weight: 1.18kg
	Package Weight: 1.52kg	Package Weight: 1.52kg	Package Weight: 1.53kg	Package Weight: 1.53kg
Enclosure	IP40 metal case			
Installation	DIN-rail, Wall-mount, Desktop			
Environmental				
Surge Immunity of Ethernet Port	IEC 61000-4-5 Common mode 6kV Differential mode 2kV			
Surge Immunity of Power	IEC 61000-4-5 Common mode 6kV Differential mode 4kV			
ESD Protection	IEC 61000-4-2 Contact discharge 8kV Air discharge 15kV			
Operating Environment	-40°C~75°C (-40°F to 167°F); 5%~90% (Non-condensation)			
Storage Environment	-40°C~85°C (-40°F to 185°F); 5%~95% (Non-condensation)			
Certification				
Certification	CE, FCC, RoHS, UKCA, RCM			