Specifications

Hardware Features & Performance

	Model		Festa FS308GP
General	Interface		8 10/100/1000Mbps RJ45 ports
	Flash		32 MB
	DRAM		256 MB
	Port Standard		IEEE 802.3i:10BASE-T Ethernet; IEEE 802.3u:100BASE-X Fast Ethernet; IEEE 802.3ab:1000BASE-T Gigabit Ethernet
PoE	PoE Standard		802.3af/at
	PoE Ports		Port 1-4, up to 30 W per port
	PoE Power Budget		62 W
Performance	Switching Capacity		16 Gbps
	Packet Forwarding Rate		11.9 Mpps
	MAC Address Table		8K
	Packet Buffer		4.1 Mbit
	Transmission Method		Store and Forward
	Number of IP Interfaces		16
	Number of Static Routes		32 (IPv4, IPv6)
	Jumbo Frame		9 KB
Physical & Environment	Power Supply		53.5 VDC / 1.31A External Adapter
	Max Power Consumption		77.3 W (110 V/60 Hz) (with 62 W PD connected)
	Max Heat Dissipation		263.6 BTU/hr (110 V/60 Hz) (with 62 W PD connected)
	Standby Power Consumption		2.8 W (110V/60 Hz)
	Dimensions (W x D x H)		8.2 × 4.9 × 1.0 in (209 × 126 × 26 mm)
	Fan Quantity		Fanless
	Installation		Desktop/Wall-Mounting
	Operating Temperature		0 °C to 40 °C (32 °F to 104 °F)
	Storage Temperature		-40 °C to 70 °C (-40 °F to 158 °F)
	Operation Humidity		10% to 90% RH, non-condensing
	Storage Humidity		5% to 90% RH, non-condensing
	Certification		CE, FCC, RoHS

Software Features			
Model	Festa FS308GP		
Festa Cloud-Based Controller Management	Device Config	Port Config	• Static LAG • LACP(802.3ad) • Link Speed • Port Isolation • Flow Control • EEE • Loopback Control - Loopback Detection Port Based - Loopback Detection VLAN Based - Spanning Tree • LLDP-MED • Bandwidth Control - Rate Limit - Storm Control • DHCP L2 Relay
		General	• LED on/off • Jumbo Frame • Hash Algorithm
		VLAN Interface	• Management VLAN • IP Address(Static/DHCP) • DHCP Server • DHCP Relay • IPv6 Address(Static/DHCP)
		Services	• Loopback Detection - Enable/Disable • Spanning Tree - STP/RSTP • SNMP Location • SNMP Contact
		Static Route	
	Site		• NTP • DST • LLDP
	LAN		• IGMP Snooping • MLD Snooping • DHCP Server • DHCP Guard - DHCPv4 Legal Server • DHCPv6 Guard - DHCPv6 Legal Server • DHCP L2 Relay

Software Features			
Model	Festa FS308GP		
Festa Cloud-Based Controller Management	Network Security	ACL	• Time-Range - Time Slice - Week Time-Range - Absolute Time-Range • Combined ACL - Source MAC(Subnet Mask) - Destination MAC(Subnet Mask) - VLAN ID - EtherType - Source IP(Subnet Mask) - Destination IP(Subnet Mask) - IP Protocol - TCP/UDP Source Port - TCP/UDP Destination Port • IPv6 ACL • Rule Operation - Permit/Deny • Binding - Port Binding - VLAN Binding
	Services	SNMP	• SNMP Version
		SSH	• SSH Login - Enabled/Disabled • SSH Server Port • Layer 3 Accessibility - Enabled/Disabled
Standalone	System	System Information	System Summary
		System tools	Firmware Upgrade System Reboot System Reset
		Access Security	• SSH Config - v1/v2 Enable/Disable - Encryption Algorithm - Data Integrity Algorithm - Port Setting - IPv6 SSH

Ordering Information

Host Switch

Model	Description
Festa FS308GP	8-Port Gigabit Smart Switch with 4-Port PoE+

MC Series Media Converter

Model	Description
MC210CS	Gigabit Single-Mode Media Converter, up to 20 km, chassis mountable
MC200CM	Gigabit Multi-Mode Media Converter, up to 550 m, chassis mountable
MC220L	Gigabit SFP Media Converter, chassis mountable
MC1400	14-slot power supply chassis for TP-LINK MC Series Media Converter, 19-inch rack-mountable

FC Series Media Converter

Model	Description
FC111A-20	100Mbps Single-Mode WDM Media Converter, up to 20 km, TX:1550nm, RX:1310nm, chassis mountable
FC111B-20	100Mbps Single-Mode WDM Media Converter, up to 20 km, TX:1310nm, RX:1550nm, chassis mountable
FC311A-2	Gigabit Single-Mode WDM Media Converter, up to 2 km, TX:1550nm, RX:1310nm, chassis mountable
FC311B-2	Gigabit Single-Mode WDM Media Converter, up to 2 km, TX:1310nm, RX:1550nm, chassis mountable
FC311A-20	Gigabit Single-Mode WDM Media Converter, up to 20 km, TX:1550nm, RX:1310nm, chassis mountable
FC311B-20	Gigabit Single-Mode WDM Media Converter, up to 20 km, TX:1310nm, RX:1550nm, chassis mountable
FC1400	14-slot power supply chassis for TP-LINK FC Series Media Converter, 19-inch rack-mountable