



Model		WK-PS227GF
Hardware Specifications		
Interfaces		
Downlink Ports	24*10/100Mbps RJ45 PoE Ports	
Uplink Ports	2*10/100/1000Mbps RJ45 Ports 1*1000Mbps SFP Slot	
PoE		
PoE Port	Port 1– 24	
PoE Standard	Port 1: Hi-PoE 60W Port 2-24: 802.3af/at	
PoE Pin Assignment	1/2(+), 3/6(-)	
PoE Power Budget	270 W	
Switch Property		
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z, IEEE802.3af, IEEE802.3at	
Forwarding Mode	Store and Forward	
Switching Capacity	10.8Gbps	
Packet Forwarding Rate	8.03Mpps	
MAC Address Table	2k	
Packet Buffer Memory	768Kbit	
Jumbo Frame	2KB	
Power Supply		
Input Power	100~240V AC 50/60 Hz	
Power Consumption	Idle: 10W 100% Traffic Rate with PoE: 280W	
Physical Characteristics		
LED Indicators	PWR(Green) Solid on: The system power supply is normal Off: The system power supply is abnormal PoE(Yellow) On: PoE enabled Off: PoE disabled Link(Green) Solid on: A link has been established on the interface Blinking: Data is being transmitted or received on the interface Off: No link is established on the interface SW(Green) Solid on: VLAN mode, Extend mode and PD Alive mode enabled. Blinking: Extend mode(or VLAN mode) and PD Alive mode enabled. Off: Default disable VLAN mode, Extend mode and PD Alive mode. PoE Max(Green) On: Indicates that the PoE power usage is greater than 95% but less than 100% Blinking (once per second): Indicates that the PoE power usage is between 90% and 95% Off: Indicates that the PoE power usage is less than 90%	
Fan Quantity	Fanless	
Switch Dimensions (W*D*H)	320*207*45mm	
Package Dimensions	370*290*85mm	
Weight	Net Weight: 1.79kg	
	Package Weight: 2.32kg	
Material	Iron	
Installation	Desktop, Rack-mount	
Button		
DIP Switch*	VLAN Enable VLAN and PD Alive mode. All downlink ports are isolated but can communicate with uplink ports. All PoE ports enable the PD watchdog function to detect and reboot the offline-compliant PoE-powered devices. Extend Enable Extend and PD Alive mode. The transmission distance of port 1-16(WK-PS219GF)/ port 9-24(WK-PS227GF) can be up to 250m, but the rate is limited to 10Mbps. All PoE ports enable the PD watchdog function to detect and reboot the offline-compliant PoE-powered devices.	
PoE/Link LED Switch Button	Default State: The indicator light is green, showing the Link status After Pressing the Button: The indicator light turns yellow, showing the PoE status, which indicates the PoE power status	
Reliability	Surge Immunity	IEC 61000-4-5 Common mode ±4kV Differential mode ±2kV
	ESD Protection	IEC 61000-4-2 Contact discharge ±6kV Air discharge ± 8kV
Operating environment	-10°C to 50°C(14°F to 122°F); 10%~90% RH no condensation	
Storage environment	-40°C to 70°C(-40°F to 158°F); 5%~95% RH no condensation	
Others		
Certification	CE, FCC, RoHS, UKCA, RCM	

* For details about how to select the DIP switch function mode, reference the Quick Installation Guide.