E242-48-G
24 Ports 10/100/1000Mbps smart Ethernet Switch

• 24 gigabit RJ45 ports (2 Uplink Ports) (10/100/1000 Mbps self-adaptation)

• Conforms to IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x

• Support RJ45 Auto-MDI/MDIX

• With panel indicator for monitoring status and failure analysis

• Support dialing VLAN, Default and Extend Mode

• Support Loop alarm function

• With Port 1 to 8 for QoS data priority

Brief Introduction

E242-48-G is a smart Ethernet Switch with 24 Gigabit RJ45 ports, providing a network point for data transmission and supporting 10/100/1000 Mbps negotiated Ethernet interfaces or ports. It can realize simple management and maintenance with switch-dialing between three working modes. Designed with fan-free also completely avoids the problem of high noise during operation.

It can be widely used in Ethernet access scenarios such as small and medium-sized enterprises, hotels, and schools, contributing to a high-performance network.
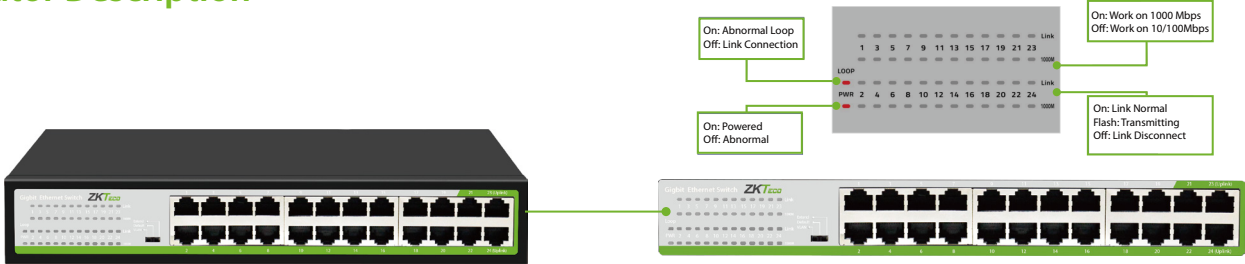
Specifications

Network	Model Number	E242-48-G
Parameters	Port Type	24*10/100/1000M RJ-45
	Switching Capacity	48Gbps
	Packet Forwarding Rate	35.71Mpps
	Internal Cache	4M
	MAC Address Table	8K
	Jumbo Frames	4Kbytes
	Forwarding Mode	Store-and-Forward switching
Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x	
Working Mode	10Base-T: Cat3/Cat4/Cat5/Cat5e UTP/STP(≤100m) 100Base-TX : Cat5/Cat5e UTP/STP(≤100m) 1000Base-TX : Cat5/Cat5e UTP/STP(≤100m)	
Working Mode	VLAN (Port Isolation)	Ports 1 to 22 in isolation group cannot communicate with each other
	Default (Standard Mode)	Support loop alarm
	Extend (Link Extension)	Ports 1 to 22 support the work on 10/100/1000 Mbps speed based on their connection to the other end, and still reach up to 250 m transmission on 10Mbps

Indicator-light	PWR	Power indicator	On	Powered
			Off	Abnormal
	LOOP	Light	On	Port Loop
			Off	Port Normal
	Link	1-24	On	Link Connection
			Flash	Data Transmission
			Off	Link Disconnect
Power supply		Input DC 12V/2A		
General	Operating Temperature		-10~50℃	
	Storage Temperature		-40~70℃	
	Operating Humidity		10%~90%, non-condensing	
	Storage Humidity		5%~90%, non-condensing	
	Product Dimensions(L*W*H)		270*180*45(mm)	
	Packing Dimensions(L*W*H)		312*262*84(mm)	
	Net Weight		1.1kg	
	Gross Weight		1.66kg	

Ordering Information

Product Type	Part Number	Description
Ethernet Switch	E242-48-G	24 Ports 10/100/1000Mbps Ethernet Switch (2 Uplink Ports)

Indicator Description

On: Abnormal Loop
Off: Link Connection

On: Work on 1000 Mbps
Off: Work on 10/100Mbps

On: Powered
Off: Abnormal

On: Link Normal
Flash: Transmitting
Off: Link Disconnect

Dimensions (mm)

180mm

45mm

270mm