24*10/100/1000Base-T Enhanced Function

Unmanaged Ethernet Switch

LT-S8024G-24GT

Overview

LT-S8024G-24GT is the enhanced function 24*10/100/1000Base-T unmanaged Ethernet switch which provides a high-performance switch architecture that is capable of providing the non-blocking switch capacity and wire-speed throughput as high as 48Gbps, which greatly simplifies the tasks of upgrading the LAN for catering to increasing bandwidth demands. it supports to make the package of V ports(1-2 ports) transmission on priority when network blocking, which make the important data zero package loss. It can be linked to a metro switch, backbone or high-capacity server.   Besides, the Flow Control function of the LT-S8024G-24GT enables routers and servers to directly connect to the Switch for fast and reliable data transfer.   It supports standard for auto-MDI/MDI-X that can detect the type of connection to any Ethernet device without requiring special straight or crossover cables. LT-S8024G-24GT supports Store-and-Forward forwarding scheme to ensure low latency and high data integrity, which eliminates unnecessary traffic and relieves congestion on critical network paths. The high data throughput and 48Gbps internal switching capacity make it ideal for most Gigabit environments, especially when network is upgraded to a Gigabit environment.

Picture

Features

➤ 24*10/100/1000M RJ45 ports

➤ Complies with IEEE 802.3, 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T Ethernet standards

➤ Make the package of V ports (1-2 ports) transmission on priority when network blocking, which make the important data zero package loss. Support VLAN and port isolation

➤ Features Store-and-Forward mode with wire-speed filtering and forwarding rates

➤ Integrated address look-up engine, supporting 8K absolute MAC addresses

➤ Supports 10Kbytes jumbo frame packet

➤ Supports 2Mbits large buffer

➤ IEEE 802.1Q VLAN packet transparency support

➤ IEEE 802.3x flow control for full duplex operation and back pressure for half duplex operation

➤ 4KV surge protection for Ethernet ports and power port

Technical specification

Model	LT-S8024G-24GT	
Ports	Fixed ports	24*10/100/1000M RJ45 ports
	Port type	RJ45 port, full duplex, MDI/MDI-X adaptive
	Operation mode	Store and forward
Layer 2 switching	MAC address table	8K
	Switching capacity	48G
	Packet forwarding rate	35.712Mpps
	Buffer	2Mbits
	Polarity reversal	Support
	Flow control	Support
	Jumbo frame	10Kbytes
	Port Mirroring	Support
	Network storm suppression	Support
Network topology	Star topology	Support
	Bus topology	Support
	Tree topology	Support

Dip switch	1: V port（1~2）Make the package of V ports(1-2) transmission on priority when network blocking	
	2: Port isolation	
	3: VLAN	
	4: Port mirroring	
Protection	Power surge protection	IEC 61000-4-5　Level 4（4KV）（8/20us）
	Ethernet ports surge protection	IEC 61000-4-5　Level 4（4KV）（10/700us）
General	Weight	Net weight 2.2kg
	Dimension(L*W*H)	300*235*44mm
	Operation temperature	0℃~+50℃
	Storage temperature	-40℃~+70℃
	Operation humidity	10%~90%RH（non-condensing）
	Storage humidity	5%~95%RH（non-condensing）
	Heat dissipation	Fan-less, natural cooling
	Input voltage	AC 100-240V 50/60HZ
	Total consumption	< 15W

Order information

Model	Description
LT-S8024G-24GT	Unmanaged Ethernet Switch with 24*10/100/1000 RJ45 ports， AC 100-240V 50/60HZ, enhanced function with Dip switch