DH-LR2226-24ET-360

24-Port PoE Switch with 8-Port ePoE

Features

· Supports long distance PoE transmission up to 800m with ePoE technology of Dahua
· Layer-two web managed ePoE switch
· Port 1-8 support three self-adaptive transmission modes which are IEEE, E100 and E10
· Port 1-8 support both twisted-pair transmission and coaxial cable transmission
· Support web management: port management, 802.1Q VLAN, STP/RSTP, LACP, 802.1X, QoS
· Support PoE management, Green PoE, Legacy Support
· Conform IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards

Product Overview

DH-LR2226-24ET-360 is a 24-Port web managed ePoE switch, which is able to realize PoE transmission over 800 meters Ethernet cable at the speed of 10Mbps, or 300 meters at the speed of 100Mbps. Besides, it supports PoE and PoC power supply technology, which has greatly simplified construction and wiring. Dahua ePoE technology offer a new way to accomplish long distance transmission between IP camera and network switch. It allows more flexible surveillance system design, improves reliability and saves construction and wiring cost.

Technical Specification

Model	DH-LR2226-24ET-360
Ethernet Port	2*10/100/1000 Base-T 2*1000 Base-X (Combo ports) 24*10/100 Base-T (PoE power supply)
PoE Power Consumption	Port1 and port 2 support Hi-PoE 60W Each power≤30W, Total≤360W
PoE Protocol	IEEE802.3af, IEEE802.3at, Hi-PoE
Switching Capacity	8.8Gbps
Packet Forwarding Rate	6.55Mpps
Packet Buffer Memory	2.75Mb
Application Humidity	10%~90%
Power	AC100-240V, 50/60Hz
Lightning Protection	Common Mode 4KV Differential Mode 2KV
Working Temperature	-10°C~55°C
Weight	3.12kg
Dimension(W×D×H)	440mm x300mm x44mm

Transmission Performance:

ePoE Power Supply Specifications (CAT)

Cable (m)	Bandwidth (Mbps)	PoE Load Capacity (W)	Hi-PoE Load Capacity (W)	Working Mode
100	100	25.5	53	IEEE/E100
200	100	25.5	47	E100
300	100	25.5	32	E100
400	10	23	26	E10
500	10	20	20	E10
800	10	13	13	E10

ePoE switch power supply voltage 53V
CAT6, max. DC resistance < 10Ω/100m

ePoE Power Supply Specifications (RG59 Coaxial Cable)

Cable (m)	Bandwidth (Mbps)	PoE Load Capacity (W)	Hi-PoE Load Capacity (W)	Working Mode
100	100	25.5	52	IEEE/E100
200	100	25.5	48	E100
300	100	25.5	30	E100
400	100	20	23	E100
500	10	16	16	E10
800	10	10	10	E10
1000	10	8	8	E10

ePoE switch power supply voltage 53V.
RG-59, max. DC resistance < 5Ω/100m.

Service Characteristics

Model	DH-LR2226-24ET-360
System	Username / password: admin/User Define
	IP Address :192.168.1.110/24
PoE Budget	360W
MAC Table	4K
VLAN	802.1Q Standard VLAN
Spanning Tree	STP, RSTP
Port Aggregation	Static link aggregation, LACP
Mirroring	Support many-to-one port mirroring
DHCP	Support DHCP-Client
Long Distance Mode	Extend the maximum distance from 100m to 800m
Flow Control	Support half-duplex based on back pressure type control;
	Support full duplex based on PAUSE frame
Security Features	Hardware supports IP+MAC binding based on port
	Support IEEE802.1x port authentication
System Maintenance	one-key recovery of default
	Support the updated packet upload
	Support system logs
QoS	Support high and low priority, WRR
	Support 802.1P, DSCP
	Support priority according to protocol
Network Management	WEB(http and https protocol)
	Support SNMP V1/V2C/V3
PoE Management	Support PoE power consumption, PoE on/off of IPC configura-tion, power down when exceeding the value of overload power
	Support PoE event statics
	Support Green PoE
	Support Legacy Support

Accessories

SFP Module	Description
PFT3950	1.25G 850nm,500m,LC, Multi-mode
PFT3960	1.25G 1310/1550nm,20km,LC, Single-mode
PFT3970	1.25G 1550/1310nm,20km,LC, Single-mode

EoC (Ethernet over Coax)	Description
LR1002	1*10/100 Mbps Base-TX + 1*BNC RG59 coaxial cable: 400m/100Mbps, 1000m/10Mbps