6-Port 100Mbps PoE Switch



Product Highlights

- 4*100Mbps PoE ports+2*100Mbps uplink RJ45 ports
- Comply with IEEE 802.3, IEEE 802.3u, and IEEE 802.3x standards
- Ethernet Ports support 10/100Mbps self-adaptive
- Flow control method: Full duplex uses IEEE 802.3x standard, while half duplex uses Back pressure standard
- PoE ports automatically enable PoE watchdog mode in VLAN and Extend modes
- Support automatic port flipping (Auto MDI/MDIX)
- Adopt a storage and forwarding exchange mechanism
- The panel indicator LED will monitor the working status and assist in fault analysis
- Support VLAN, Default, and Extend modes

Copyright © 2024 Shenzhen HongRui Optical Technology Co.,Ltd

Hardware Features

Description	Specification
Model	HR903-AF-42Y
Interface	4*100Mbps PoE ports 2*100Mbps uplink RJ45 port
Port Standard	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3x (Flow Control)
Switching Bandwidth	1.2Gbps
Packet Forwarding Rate	0.8928Mpps
Packet Buffer	768Kbit
MAC Address Table	2K
Transmission Method	Store and Forward
PoE Standard	IEEE802.3af (15.4W) IEEE802.3at (30W)
POE Port Output Voltage	DC 44-57V
PoE Ports	Ports 1-4 PoE power output <30W
PoE Power Budget	50W
Power Supply	AC 100-110V 35.2W AC 110-200V 44W AC 200-240V 55W DC 52V 1.05A
Mainboard Power Consumption	1.58W
Structure Information	Product Dimensions: 160*90*35mm Packaging Dimensions: 203*130*45mm Product Net Weight: 0.41KG Product Gross Weight: 0.47KG
Packing Information	Carton Dimensions: 470*426*280mm Packing Quantity: 40PCS Packing Weight: 19.8KG
Package Contents	Switch 1pcs, Manual 1pcs, Certificate of Inspection 1pcs
Fan Quantity	0
Installation	Desktop

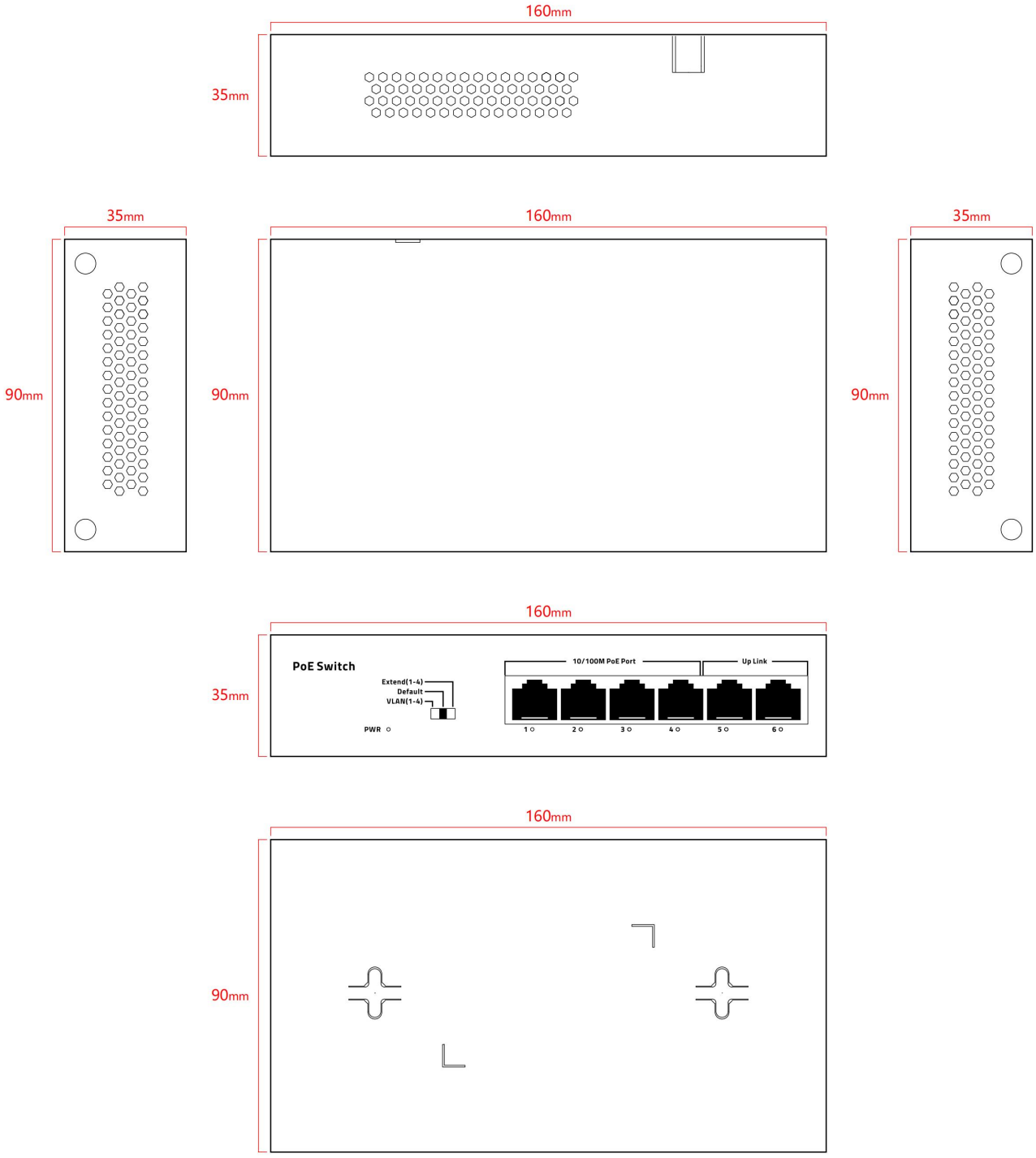
Copyright © 2024 Shenzhen HongRui Optical Technology Co.,Ltd

Hardware Features

Description	Specification
Surge Protection	Port Surge: Common mode 4KV, Differential mode 2KV(Class C) Electrostatic ESD: Air 8KV, Contact 6KV(Class C)
Operating Temperature	0~40°C
Storage Temperature	-40~70°C
Operation Humidity	10%~90%, non condensing
Storage Humidity	5%~95%, non condensing
PWR Green LED	On: Powered on Off: Powered off
Ports 1-6 Green LED	On: Link normal Off: Link blocked Flashing: Data transmitting
VLAN/Default/Extend Modes Buttons	VLAN: VLAN mode, ports 1-4 are isolated from each other, communicating with ports 5-6, and automatically activate the PoE watchdog mode Default: Normal mode, all ports can communicate with each other, transmission distance is within 100 meters, transmission rate is 10/100Mbps adaptive(PoE Watchdog off) Extend: Extend mode, when the PoE port is in Extend mode, ports 1-4 force 10Mbps to extend the transmission distance to 250meters, and automatically activate the PoE watchdog mode

Copyright © 2024 Shenzhen HongRui Optical Technology Co.,Ltd

Product Structure Diagram



Copyright © 2024 Shenzhen HongRui Optical Technology Co.,Ltd