BDCOM

Shanghai Baud Data Communication Co., Ltd.

Switch Series

BDCOM S2500-W Series Cloud Managed Switch

Overview

BDCOM S2500-W Series is a full-Gigabit Cloud Managed Switch launched by Shanghai Baud Data Communication Co., Ltd., based on a Taiwan-chipset solution. It is equipped with 26 10/100/1000 Mbps auto-negotiation RJ45 ports and 2 Gigabit SFP ports, with all ports supporting wire-speed forwarding, delivering greater network flexibility. It supports Web-based management, allowing users to configure port VLANs, static MAC address binding, port isolation, loop detection, device reboot, and other functions. It can also be connected to the customer's cloud platform, supporting cloud-based management for more efficient, simple, secure, and user-friendly remote network administration. PoE models support the IEEE 802.3at standard and are backward compatible with IEEE 802.3af, enabling the switch to function as a Power Sourcing Equipment (PSE). It can automatically detect and identify compliant Powered Devices (PDs) and supply power to them through Ethernet cables. With plug-and-play operation, no configuration is required, allowing for flexible expansion of home and office networks without being constrained by power-line layouts.

Appearance



S2500-24T2G2S-W



S2500-24P2G2S-W

Features

- Complies with IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3at, IEEE 802.3af Ethernet standards;
- 6 kV port lightning protection, ensuring stable and reliable operation with a service life of up to 3 years;
- Supports management of port speed, duplex mode, auto-negotiation, and port modes;
- Supports loop protection;
- Supports port-based VLAN;
- Maximum PoE power budget of 235 W, with up to 30 W per port;

- Supports PoE port restart, enabling one-click remote recovery of PoE-powered devices;
- Dynamic LED indicators provide clear operating status and facilitate troubleshooting;
- Built-in power supply with a compact and refined structural design for easy deployment;

Application Scenarios

- Multimedia transmission: Integrated transmission of video, voice, and data; suitable for distance learning, video conferencing, and video calling;
- Real-time monitoring: Simultaneous transmission of real-time control signals, video, and data;

Ease of Use

- Plug and play, no configuration required, easy and convenient to use;
- Front-panel LED indicators provide clear visibility of power status and port operating status;

Specifications

Item	**S2500-24T2G2S-W**	**S2500-24P2G2S-W**
Ports	26-port Gigabit RJ45 2-port Gigabit SFP	24-port Gigabit PoE 2-port Gigabit RJ45 2-port Gigabit SFP
Switching capacity	56Gbps	
Forwarding rate	41.67Mpps	
MAC address	8K	
PoE Power Budget	/	235W
Cooling method	Fanless, silent heat dissipation	Fan cooling
Dimensions (WxHxD)	440*208*44mm	
Power supply	AC: 100-240V 50/60Hz	
Environment requirement	Operating temperature: 0°C-45°C Storage temperature: -40°C -70°C Operating humidity: 90% RH, non-condensing Storage humidity: 90% RH, non-condensing	
Mac switching	Static configuration and dynamic MAC learning MAC browsing and removal	
VLAN	IEEE 802.1Q VLAN Port-based VLAN configuration	

Port Configuration	Configuration of port speed, description, duplex mode, and flow control Real-time port utilization statistics Port traffic byte counters mirroring Port static aggregation
Multicast	IGMP v1/v2
QoS	Port rate limiting Port / IEEE 802.1p / DSCP priority configuration Storm control
Reliability	Loopback-detection
PoE	Remote PoE power restart Extended PoE mode PoE watchdog
Security Features	Port isolation
Management & Maintenance	Device information modification User management Web-based browser management System logging Configuration import and export HTTP access

Order Information

S2500-W Series Cloud Managed Switch

S2500-24T2G2S-W	26-port Gigabit RJ45 + 2-port Gigabit SFP Cloud Managed Switch (standard AC 220V power supply; fanless, rack-mounted installation)
S2500-24P2G2S-W	24-port Gigabit PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP Cloud Managed Switch (standard AC 220V power supply; fanless, PoE power budget of 235W, rack-mounted installation)

For More Information

For more information about BDCOM S2500-W Series, please contact your local BDCOM account representative.

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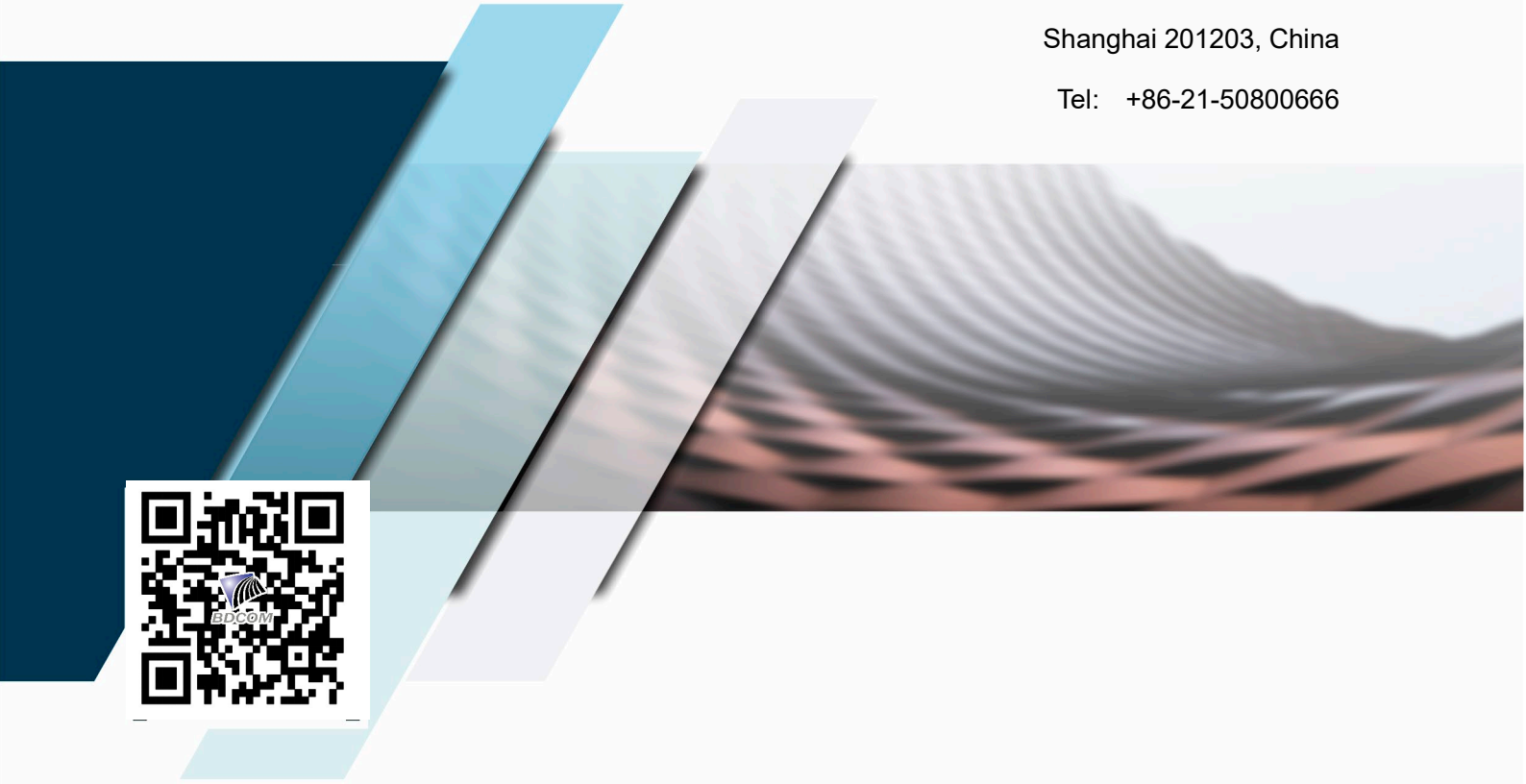
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