Botx

Futuristic Ai

AI PoE Switch

Overview

Botx smart managed switches offer seamless management and maintenance, making them the ideal choice for modern surveillance systems. With our intuitive software platforms, you can effortlessly deploy, monitor, and scale your network—anytime, anywhere. Gain real-time visibility into network topology, monitor device health, and receive instant alerts for any issues. This proactive approach significantly reduces operational and maintenance costs, ensuring a more efficient and reliable network infrastructure.

Botx AI Technologies

BotX is a company that specializes in the design, manufacture, and supply of video surveillance systems. These systems are designed to suit individual client requirements such as your own. As a surveillance company we understand the special security needs of our clients and strive to provide them with the highest quality products and services to suit these needs.

Dear Client,

Thank you for choosing the BotX Outdoor PoE Switch!

We truly appreciate your trust and support. BotX is committed to delivering high-quality security products to customers worldwide. Our goal is to become a leading brand in the surveillance field by continuously developing smarter, more user-friendly solutions.

We put our customers first — from selecting premium materials to strict quality inspections, every step is carefully managed. Our products are equipped with the latest chips to ensure a seamless user experience.

Your feedback means a lot to us. It helps us improve and allows us to serve you better. If you're satisfied, please take a minute to leave a review on Google — it helps others and motivates us to keep improving.

On behalf of the entire BotX team, thank you again. If you need any assistance, feel free to reach out.
Wishing you health and happiness — and we hope you continue to choose BotX!

– The BotX Team

www.botxindia.com

General

Shell   Metal material
Operating Temperature   0 °C to 40 °C (32 °F to 104 °F)
Storage Temperature   -40 °C to 85 °C (-40 °F to 185 °F)
Operating Humidity   5% to 95% (no condensation)
Relative Humidity   5% to 95% (no condensation)
Power Supply   54 V DC, 1.2 A
Installation Mode   Desk-Mounted,Wall-Mounted
Max. Power Consumption 65 W
Power Consumption in Idle 0.9 W
Surge Protection   6 kV

Network Parameters

Ports   4 × 10/100 Mbps PoE port,
                                            8 × 10/100 Mbps PoE port,
                                         16 × 10/100 Mbps PoE port,
                                            1 × 10/100 Mbps RJ45 port
MAC Address Table   2 K
Switching Capacity   1 Gbps
Packet Forwarding Rate   0.74 Mpps
Internal Cache   768 Kbits

PoE Power Supply

PoE Standard IEEE 802.3af,IEEE 802.3at
PoE Power Pin End-span: 1/2(-), 3/6(+)
PoE Port PoE: Ports 1 to 4
Max. Port Power 30 W
PoE Power Budget 60 W

Software Function

Long Range Ports 1 to 4: up to 300 m.
Ports 1 to 8: up to 300 m
Ports 1 to 16: up to 300 m
Long range performance may vary
depend on camera model or cable
condition.

Link Aggregation	Link aggregation is used to aggregate multiple physical ports to form a logical port for load balancing, bandwidth expansion, and port protection. Support static link aggregation. Support 1 aggregation group(s).
Loop Prevention	Loop prevention is used to prevent the switching network from forming loops, which will seriously affect network communication. Disabled by default. Support 802.1D STP. Suppport 802.1w RSTP.
VLAN	VLAN is used for network scale planning and network health improvement. Support 802.1Q. Configurable VLAN ID from 1-4094. Support Trunk, Access port mode. Support Max. 32 VLAN

HPP   Support one-click activation and remote management via Botx Partner Pro. Functions supported:

1. Display the port rate.
2. Display the port bandwidth utilization rate.
3. Display the PoE power usage.
4. Display topology information.
5. Display the alarm status.
6. Restart ports and devices.
7. Enable port long-rage mode.
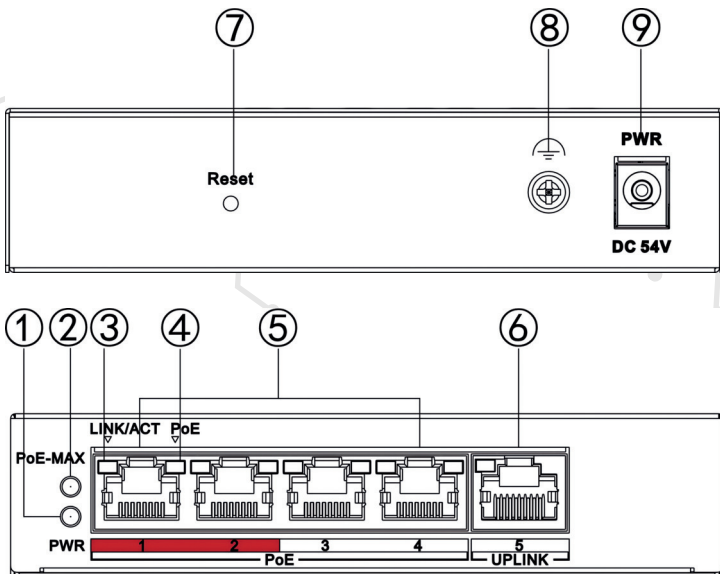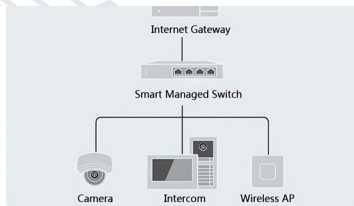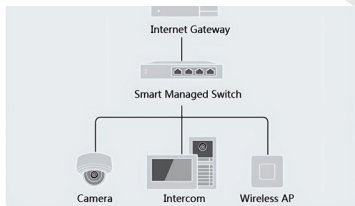8. Remotely upgrade the device.

System Maintenance   Support device management via web. Support DHCP Client. Enabled by default for dynamic assignment of management IP addresses. Support Super IP, which is a fixed IP address (10.180.190.200) for direct access. Su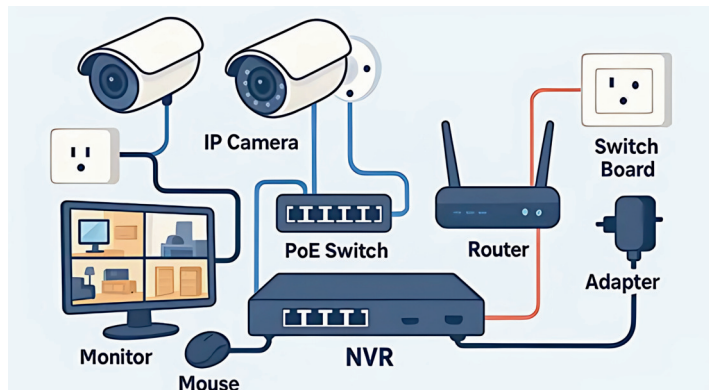pport management Support remote management Support cable detection. Abnormal open circuits and short circuits as well as network cable length can be detected.

Internet Gateway

Smart Managed Switch

Camera   Intercom   Wireless AP

Internet Gateway

Smart Managed Switch

Camera   Intercom   Wireless AP

⑦   ⑧   ⑨

PWR

Reset

DC 54V

①②③ ④   ⑤   ⑥

LINK/ACT PoE

PoE-MAX

PWR   1   2   3   4   5

PoE   UPLINK

1 PWR Indicator   Solid on: The switch is powered on normally.
Unlit: No power supply is connected or power supply is abnormal.

2 PoE-MAX Indicator   Solid on/Flashing: The output power of the switch is about to reach or has reached the upper limit. The power supply may be abnormal if more devices are connected.
Unlit: The switch does not supply power to a powered device (PD), or supplies power to a PD normally and its output power does not reach the upper limit. (About 5 seconds after the output power of the switch returns to normal, the PoE-MAX indicator will be unlit.)

3 LINK/ACT Indicator   Solid on: The port is connected.
Flashing: The port is transmitting data.
Unlit: The port is disconnected or connection is abnormal.

4 PoE Indicator   Solid on: The switch supplies power to a PD normally.
Unlit: The switch is disconnected from a PD or power supply is abnormal.

5 10/100 Mbps PoE RJ45 Port   Used for connection to a PD via a network cable.

6 10/100 Mbps RJ45 Port   Used for connection to another device via a network cable.

7 Reset Button   Used for restoring all the configurations of the switch to the default settings.

8 Grounding Terminal   Used for connection to the grounding cable to protect the switch from lightning.

9 Power Supply   Use the attached power cord and power adapter to connect the switch to a socket

Connection Example

SCAN ME

Botx AI Technologies Pvt Ltd

Surveillance | Biometric | AI | Solar | Automation

www.botxindia.com
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