

PRODUCT OVERVIEW • 1/1

Hikvision DS-XS10G-P Gigabit Unmanaged PoE Switch



DS-XS10G-P • 8 PoE + 2 Gigabit RJ45

Product Overview

The Hikvision DS-XS10G-P is an unmanaged Gigabit PoE switch designed for surveillance and network installations that need both data connectivity and device power over Ethernet. It combines 8 Gigabit PoE RJ45 ports with 2 additional Gigabit RJ45 network ports in a compact metal enclosure.

What It Does

PoE-compatible devices such as IP cameras can receive network data and electrical power through the same Ethernet cable. This reduces separate power cabling and helps keep surveillance installations cleaner and easier to maintain.

Ideal For

IP camera systems, home and office networks, small surveillance cabinets, and projects that need straightforward plug-and-play Gigabit connectivity without managed-switch configuration.

NO PRODUCT PRICE INCLUDED

Key Features

- 8 × 10/100/1000 Mbps Gigabit PoE RJ45 ports
- 60 W total PoE power budget
- 20 Gbps switching capacity and 14.88 Mpps forwarding rate
- 2 × Gigabit RJ45 network ports
- Up to 30 W output per PoE port
- Metal enclosure with desktop or wall-mounted installation

Final connected-device count depends on the actual PoE power requirement of each device. Confirm the project power budget before installation.

HOW IT WORKS • 1/1

How the DS-XS10G-P Fits Into a Network

Typical Connection Concept

Router / NVR / Main Network



DS-XS10G-P



PoE IP Cameras / Network Devices

8 Gigabit PoE Ports

Ports 1-8 can carry both Gigabit Ethernet data and PoE power to compatible devices. This is particularly useful for IP cameras because a single network cable can handle the connection and power delivery.

2 Additional Gigabit RJ45 Ports

The two non-PoE Gigabit RJ45 ports can be used for network uplink or connection to other network equipment such as a router, NVR, or another switch, depending on the project topology.

60 W PoE Budget

The switch has a total PoE power budget of 60 W, while an individual PoE port can provide up to 30 W. The total power demand of all connected PoE devices must remain within the switch's available budget.

Unmanaged Plug & Play Operation

No advanced switch configuration is required for normal operation. Connect the network and compatible devices, provide AC power to the switch, and the unit operates as an unmanaged Ethernet switch.

Power Planning Example

A 60 W total budget does not mean every one of the 8 PoE ports can simultaneously deliver 30 W. Actual capacity depends on the combined power consumption of the connected devices. Verify each camera or network device wattage before finalizing the installation.

Why Gigabit Matters

All 10 Ethernet ports support 10/100/1000 Mbps. Gigabit connectivity provides more bandwidth than Fast Ethernet, which is valuable when multiple IP cameras or higher-data-rate network devices share the switch.

This switch is unmanaged. Features that require managed switching, VLAN configuration, or advanced traffic control are not documented as part of this model's standard functionality.

TECHNICAL SPECIFICATIONS • 1/1

Hikvision DS-XS10G-P - Technical Specifications

Brand	Hikvision
Model	DS-XS10G-P
Product Type	Gigabit Unmanaged PoE Switch
Ports	8 × Gigabit PoE RJ45 + 2 × Gigabit RJ45
Port Speed	10 / 100 / 1000 Mbps
PoE Ports	Ports 1 to 8
PoE Standard	IEEE 802.3af / IEEE 802.3at
Maximum Power per PoE Port	30 W
Total PoE Power Budget	60 W
Switching Capacity	20 Gbps
Packet Forwarding Rate	14.88 Mpps
MAC Address Table	2 K
Internal Cache	1 Mbits
Power Supply	220 V AC, 50 Hz, 1.5 A
Maximum Power Consumption	65 W
Idle Power Consumption	5 W
Dimensions	175 × 44 × 124 mm
Net Weight	0.56 kg
Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 85°C
Operating Humidity	5% to 95% (No Condensation)
Installation Mode	Desk-Mounted / Wall-Mounted
Surge Protection	2 kV
Shell	Metal