

Surveillance Traffic Optimization

The DIS-200G Series supports the Auto Surveillance VLAN feature. This automatically detects surveillance devices and puts them into a dedicated surveillance VLAN, segmenting their traffic from the rest of the network. This provides increased security of surveillance data, and gives the traffic a higher priority through the switch, reducing the chances of the video freezing or being delayed on live streams. A single switch can be used for both surveillance and data networks, removing the need for dedicated surveillance hardware while simultaneously reducing maintenance costs.

Easy Deployment for Auto Surveillance Mode 2.0

3 steps setup for surveillance network

Welcome to Wizard

The wizard will guide you to do basic configurations on 3 steps for the IP Information, and SNMP. If you are not changing the settings, click on "Exit" to go back to the main page.

Step 1 of 3: Choose the surveillance mode or tradition mode on web.

Web Mode

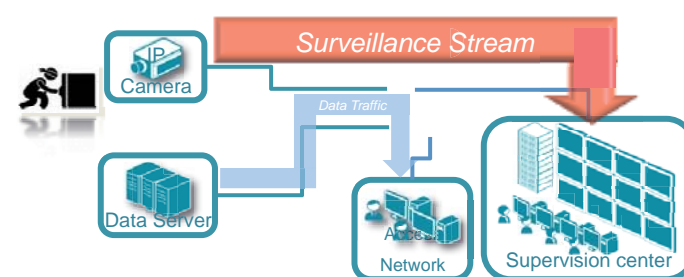
Surveillance Mode Tradition Mode

3 steps

Status dashboard for easy management



Auto detect & secure bandwidth for surveillance traffic



Health Diagnostic for easy troubleshooting

Health Diagnostic

Port	Loopback Detection Status	Cable Link	PoE Status	Tx/Rx Error Counter	Discovered Surveillance Devices	Detect Distance
1	Normal	Pass	-	Pass	1	Detect
2	-	-	-	-	-	Detect
3	Loop	Pass	-	Pass	1	Detect
4	-	-	-	-	-	Detect
5	Normal	Pass	Power Denied	Pass	1	Detect
6	Normal	Pass	Pass	Pass	1	Detect
7	Normal	Pass	Pass	Pass	1	Detect
8	Normal	Pass	-	Pass	4	Detect
9	-	-	-	-	-	Detect
10	-	-	-	-	-	Detect
11	-	-	-	-	-	Detect

Technical Specifications

General	DIS-200G-12S	DIS-200G-12SW	DIS-200G-12PS	DIS-200G-12PSW
Number of Ports	10 x 10/100/1000BASE-T Ports 2 x SFP Ports 1 x RJ-45 Console Port	10 x 10/100/1000BASE-T Ports 2 x SFP Ports 1 x RJ-45 Console Port	8 x 10/100/1000BASE-T POE Ports 2 x 10/100/1000BASE-T Ports 2 x SFP Ports 1 x RJ-45 Console Port	8 x 10/100/1000BASE-T POE Ports 2 x 10/100/1000BASE-T Ports 2 x SFP Ports 1 x RJ-45 Console Port
POE Supported	-	-	Ports 1-8 IEEE 802.3 af/at PoE Power Budget: 130W	Ports 1-8 IEEE 802.3 af/at PoE Power Budget: 130W
Operating Temperature	-40 to 65°C	-40 to 75°C	-40 to 65°C	-40 to 75°C

Your Link to Business Success

ROBUST, POWERFUL & FLEXIBLE
D-Link Gigabit Industrial Switches





Layer 2 Gigabit Industrial Smart Managed Switches with robust design are ideal for deployment in industrial and outdoor surveillance settings to withstand the harshest environments.

DIS-200G Series

The DIS-200G Series Layer 2 Gigabit Industrial Smart Managed Switches are equipped with 8 PoE-capable 10/100/1000BASE-T ports (PoE models), 2 10/ 100/ 1000 BASE-T ports, and 2 SFP ports. Featuring a robust design, these switches are ideal for deployment in industrial and outdoor surveillance settings to withstand the harshest environments. They also integrate advanced management and security functions to provide a complete Layer 2 solution.

Key Features:

- High EMC endurance, fanless design, and wider operating temperature range with a IP30 housing to withstand harsh operating environments.
- Small form factor design that supports multiple mounting types and PoE support to extend the deployment range of PoE-powered devices.
- Features a variety of flexible management options including a web-based UI, industry-standard CLI, SNMP, and a dedicated RJ-45 console port.



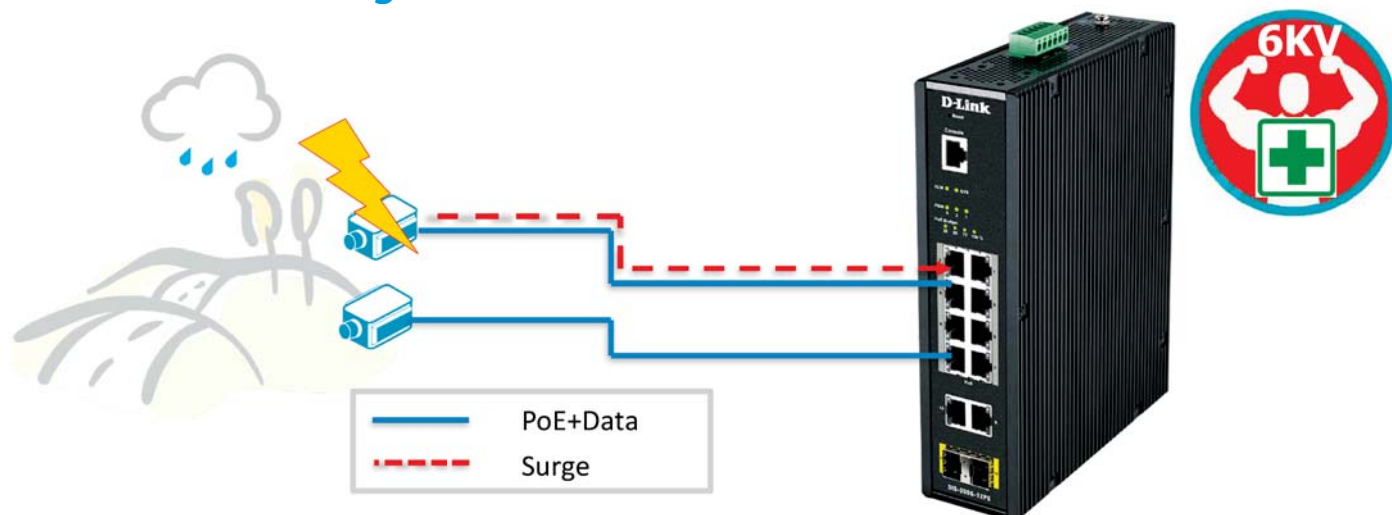
Durable and Reliable Design

The DIS-200G Series switches are housed in a highly resistant IP30-rated metal casing to protect the switches from harsh environmental conditions. The high electromagnetic compatibility (EMC) protects the DIS-200G Series from unwanted effects when operating in environments with strong electromagnetic interference. Meanwhile, the fanless design extends the life of DIS-200G Series while also being able to operate in a wider temperature range of up to 75 °C.

For increased flexibility, the DIS-200G Series can also be mounted on a DIN rail, wall mounted, or be installed in an equipment rack.

Additionally, the DIS-200G Series features 6 kV surge protection on all copper ports to help prevent damage to the switch and connected devices caused by sudden power surges and lightning strikes. The in-built surge protection of up to 6 kV can mitigate the damage to the switch from both indoor and outdoor devices and network connections by absorbing the excess energy while still letting the amount of power through required for the switch to operate normally. This increases network reliability, reduces repair costs, and removes the need for replacement hardware in the event of an electrical surge or lightning strike.

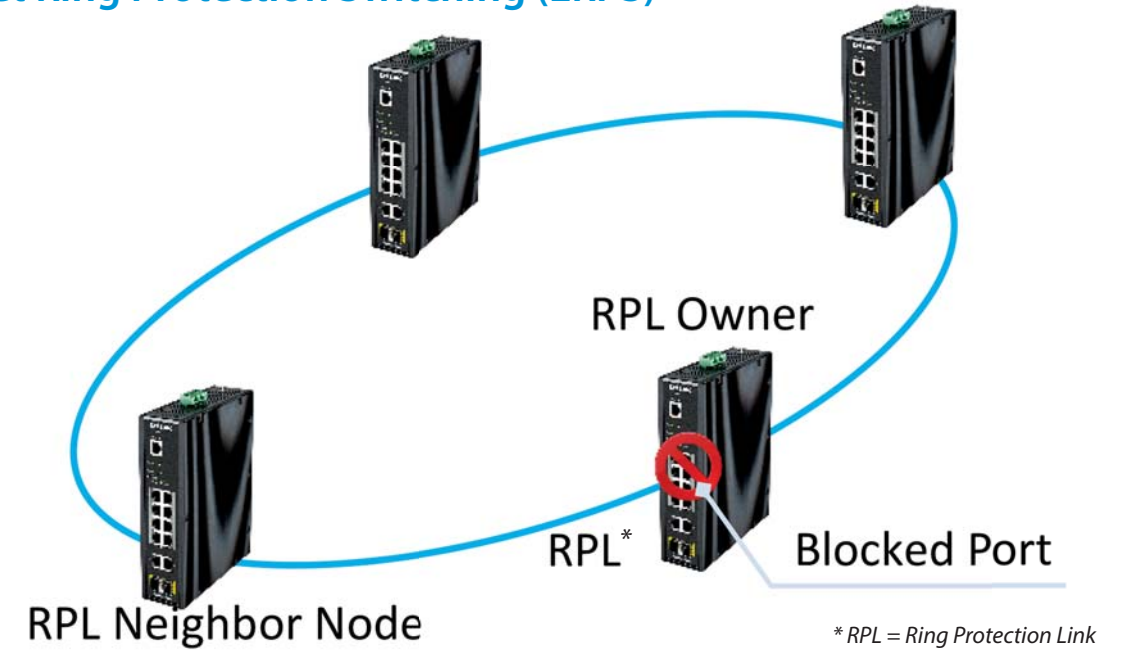
6KV LAN Ports Surge Protection



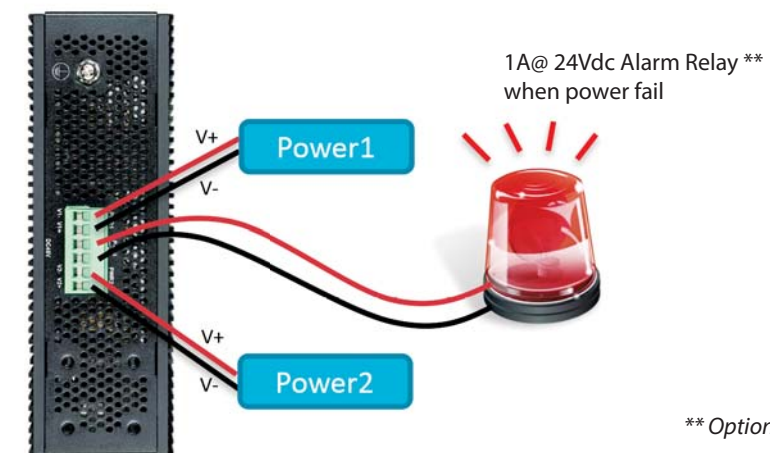
High Redundancy and Reliability

The DIS-200G Series supports ERPS quick failover recovery for ring topologies that ensures minimal downtime and avoids any loss of data in mission-critical deployment settings. Meanwhile, the dual power input allows for a redundant power supply to make sure the network continues to operate in the event of a primary power supply failure.

Ethernet Ring Protection Switching (ERPS)



Power Redundancy



** Optional purchase