



# Best Choice for Enterprises and Government

## Seamless Integration, Enterprise Performance

The **CERIO CS-2000 Series model CS-2424XG-24P** is a new generation high-performance **PoE-managed switch** designed to deliver enterprise-grade features at a highly competitive price. It provides a reliable and efficient solution for SMB and system integrators. Whether deploying WiFi AP, VoIP phones, or IP cameras, the **CS-2424XG-24P** meets the growing demands of network management and streamlines overall infrastructure deployment. **CERIO's** managed switches are designed for easy configuration, stable performance, and quick installation—making them the ideal choice for modern networking needs.



- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-SX/LX, IEEE 802.3ae 10GBASE-X, IEEE 802.3af and IEEE 802.3at standards.
- **Internal 450 Watt power supply** supports a maximum PoE power budget of 400 Watts share for 24ports 10/100/1000M of PoE port.
- Supports **4-port 10G SFP+ slots** for high-speed 10G RJ45 copper module connections for uplink and Mini GBIC SFP+ fiber optical module connections, ideal for long-distance network applications.
- Supports **PoE Control with scheduling capabilities** and port-based control.
- Supports PoE Power Priority per port with three priority options and support per port PoE power delay function.
- Provides **10K Jumbo frames**, supports up to **16K MAC addresses & 12Mb Packet buffer**.
- Provides **IGMP snooping v1/v2/v3** function and supports **MLD snooping and MVR**.
- Supports "19" rack mount installation · metal case durable design and **made in Taiwan**.



## Application

### ① Medium to Large Office and Enterprise Core Networks

Provides high-speed and stable PoE power delivery. Ideal as a backbone switch for enterprise core network infrastructure.

### ② Smart Building and Surveillance Networks





Integrates IP cameras, sensors, and automation systems. PoE simplifies cabling, enhances deployment efficiency, and ensures system stability.





### ③ Smart Campus / Digital Classroom Network Deployment

Delivers a fast and stable network environment, supporting multiple classrooms, wireless APs, educational devices, and remote learning platforms—ensuring uninterrupted learning.

### ④ Multi-Department Network Integration for Hospitals and Government

Offers high bandwidth and real-time data transmission with comprehensive network management and security features, ensuring business continuity and data protection.

	<p>Its management features include <b>VLAN, IEEE 802.1p-based/ Port-based QoS traffic control, WRR traffic management, Port Mirroring along with loop detection and prevention mechanisms</b>, It also supports <b>IGMP snooping and SNMP</b> to help administrators easily monitor and maintain the network, suitable for enterprises and various environments.</p>
	<p><b>An intuitive and user-friendly web management interface is provided, allowing users to easily configure various functions through a web browser.</b> The interface also integrates graphical status displays, helping users monitor device operations in real-time and achieve precise network monitoring and device management.</p>
<p><b>Long-distance Transmission</b></p> 	<p>Supports 8-port 10G SFP+ / 1G SFP fiber slots for high-speed 1G/10G RJ45 copper module connections and Mini GBIC SFP/SFP+ fiber optical module connections, ideal for long-distance network applications.</p> <p><b>Single-mode : 20/40/60/80/100KM</b> <b>Multi-mode : 550M</b></p>
 <p><b>Surge &amp; ESD Protection</b></p>	<p>Supports Surge Protection 6KV on RJ45 to avoid the damage of the switch and connected devices.</p> <p><b>Surge Protection:</b> General 6KV , Difference 2KV on RJ45/Power <b>ESD Protection:</b> Air : 15KV , Contact : 8KV</p>

	<p>For more detailed product information, please visit our official <a href="http://www.cerio.com.tw">CERIO website</a>, <a href="https://www.facebook.com/cerio">Facebook</a>, or contact our international sales team at <a href="mailto:issales@cerio.com.tw">issales@cerio.com.tw</a>.</p> <p>More detail information : • <a href="#">Network PoE Switch</a></p> <div style="text-align: right;">    </div>
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