

# Netgear XSM7224S

24-ports 10GE Network switch



- **Uncompressed video composition over IP**
- **Ultra-low latency**
- **Medical-grade**

## **Uncompressed ultra-low latency video composition over IP**

The Netgear 24-ports 10GE switch is the backbone infrastructure for small Nexxis setups where low noise and small size have high focus.

The Netgear switch is part of Barco's Nexxis solution, which provides users with uncompromised networked visualization for the digital operating room and the cathlab. Nexxis adapters offer simplicity and flexibility in the OR while maintaining the highest possible performance standards and fitness for use in high-demanding medical environments.

## Product specifications

## NETGEAR XSM7224S

### General specifications

Network capacity	24x 10GE non-blocking bidirectional (480GE backplane, 357 Mpps)
Network interface	20x fiber optic + 4x fiber optic or electrical RJ45 10GE/1GE auto-sensing
Latency	End to end: < 2µsec @ 10GE
L2 forwarding	L2 unicast and multicast bridging 1K VLANs, IGMP v2/3 multicasting (snooping, proxy) Spanning tree (802.1w, s, D MSTP)
Security	1K ACLs based on MAC@, IP@, protocol MAC filtering, port locking IEEE 802.1x port access authentication (RADIUS) SSH, SNMPv3
Size	w x d x h : 440 x 431 x 43 mm (17.3 x 17 x 1.7 in)
Weight	6.3 kg (13.89 lb)
Power consumption	195.2W maximum 100–240V AC, 50–60 Hz
Noise Level	44 dB @ 25° C ambient temperature (Accoustic noise ANSI-S10.12)
Reliability	Redundant fan-units & Spare PSU (optional) MTBF: •180,178 hours (~20.5 years) @ 25° C ambient temperature •68,419 hours (~ 7.8 years) @ 55° C ambient temperature
Environmental	Operating conditions: •Temperature: 32° to 122° F (0° to 50° C) •Humidity: 90% maximum relative humidity, non-condensing •Altitude: 10,000 ft (3,000 m) maximum Storage conditions: •Temperature: – 4° to 158°F (–20° to 70°C) •Humidity: 95% maximum relative humidity, non-condensing •Altitude: 10,000 ft (3,000 m) maximum
EMC	CE mark, commercial FCC Part 15 Class A, VCCI Class A Class A EN 55022 (CISPR 22) Class A Class A C-Tick EN 50082-1 EN 55024
Safety	CE mark, commercial CSA certified (CSA 22.2 #950) UL listed (UL 1950)/cUL IEC 950/EN 60950

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