

Unique Features To Specify M4250 In Tenders

- 1 Switch line certified by main AV manufacturers with proven interoperability testing, documented compatibility, and options for 802.3bt Class 8 (90W) on all ports.
- 2 Black display panel providing system information and port activity LED status in the front, with all power and network cabling in the back. However, when ports are desired on the front of the rack, reverse rack mounting must be possible with system and port activity LED information duplicated on the rear. A second pair of recessed rackmount ears should allow 5cm (2-inch) room for the cabling when mounted this way.
- 3 Additional options for mounting outside the rack must be available with universal (VESA), M5 threaded bolt holes located on the bottom and M10 in the front of each switch for hanging the switch using clamps on pipes or truss.
- 4 Software-controlled fan adjustment enabling the fans to be turned off when ambient temperature and Power over Ethernet (PoE) loads are appropriate for a totally fanless operation in sound-sensitive environments such as conference rooms, recording studios, and residential installations.
- 5 Default switch configuration must accept most AV-over-IP encoders and decoders without further configuration for plug and play operation.
- 6 IGMP Multicast must automatically allow for multi-switch deployments without flooding multicast streams to the IGMP Querier in the network, and only permit multicast streams that are subscribed by clients somewhere in the network, to traverse the network.
- 7 A dedicated AV user interface must present the common AV controls right up front with user-selectable profiles for common AV platforms making it spontaneous to ensure the settings are correct for a specific audio or video application.
- 8 Full support for Audio Video Bridging (AVB) up to 256 AVB streams per switch must be available as an option. The AVB license registration key must be activated directly in the switch user interface without activation/redeem process outside of the switch.
- 9 Web-based GUI along with console CLI, telnet, and SSH (TLS 1.2) must expose the entire Layer 2, Layer 3 and Layer 4 feature set for typical IT-style configuration.
- 10 Out-Of-Band (OOB) Ethernet management port and local console RS232 RJ45 / USB Type-C ports must allow for local management.
- 11 Features must include static, RIP and PIM-SM/DM/SSM routing, DHCP server and PTPv2.
- 12 Limited Lifetime* Hardware Warranty without termination after the switch End-of-Life must be offered alongside 90 days of technical support via phone and email after purchase, Limited Lifetime* Technical Support through online chat, and Limited Lifetime* Next Business Day hardware replacement.

* This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller, and covers unmodified hardware, fans and internal power supplies - not software or external power supplies, and requires product registration at <https://www.netgear.com/business/registration> within 90 days of purchase; see <https://www.netgear.com/about/warranty> for details. Intended for indoor use only.

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