Netgear Adds 10G, 100G AV-over-IP Switches

Written by Frederick Douglas
14 November 2019

Netgear announces the addition of 16-, 24- and 48-port 10GB models to the M4300 switch line. Previously seen at InfoComm, the switches are aimed at the AV-over-IP market.

The company also has new M4500 series 100GB network switches making part of the managed switch line. All offerings are purpose-built for AV-over-IP solutions by reducing the complexity and cost of network deployments, but are also equally applicable to standard IT network deployments.

The M4500-32C and M4500-48F8C represent a new class of switch for the market. The AV-over-IP-ready 100G and 10G switches combine the configurability of an AV matrix switcher with the power and scalability of ethernet to support hundreds of AV-over-IP endpoints at a lower price point than a comparable matrix switcher. The switches remove the need for complicated Layer 3 PIM routing, and offer Netgear-engineered IGMP Plus to simplify network architectures withthe same L2 techniques across the entire AV-over-IP network.

Customers can leverage the M4500-32C 32-port 100Gbps switch to aggregate edge switches for a complete set up for large projects up to 320x320 SDVoE (10G) devices in a single architectures. Meanwhile the M4500-48XF8C is preconfigured out of the box to enable true AV and multicast Zero Touch network configuration. Installers simply need to connect AV endpoints and power on the switch.

The M4300-16X is the only 16-port 100M/1G/2.5G/5G/10GBASE-T copper switch with an option

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for PoE across all ports in full provisioning mode. It is a half-width 1U switch shipping with either a non-PoE power supply or with a power supply capable of providing 500W of PoE power to the 16 ports. The M4300-24XF, on the other hand, is a 24-port 10GBASE-X SFP+ fibre switch with two shared 10GBASE-T copper ports. As a half-width 1U switch, it handles fibre-based project installations with up to to 24 nodes.

Netgear also has the M4300-48XF, a 48-port 10GBASE-X SFP+ fibre switch with two shared 10GBASE-T copper ports. It is a full-width 1U switch aimed at fibre-based projects with up to 48 nodes. All M4300 models are certified for SDVoE devices for the ultimate in AV over IP deployments, and are ideal for any IT deployments demanding fast and reliable networking.

The full line up of Netgear M4300 and M4500 managed switches is available now.

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