MAKE 10Gb YOUR NETWORKING TARGET

AMG Commercial and Industrial 10Gb Managed Ethernet switch series brings the business benefits of high performance and low latency of 10Gb Ethernet to businesses of all sizes.

10Gb Managed Ethernet Switch

AMG´s Commercial Layer 2+ 10Gb Managed Ethernet switches are designed for medium and large network environments, to strengthen network connectivity.

The switches have 8, 24 or 48 gigabit ports, with or without PoE support, and 1/10Gb SFP+ uplink ports.

The 10Gb uplink design provides an excellent solution for expanding your network from 1Gb to 10Gb. By 10Gb speed, these products provide high flexibility and high bandwidth connectivity to other 10Gb switches, servers, workstations or other devices supporting 10Gb interfaces. The user can also aggregate the 10Gb ports as a Trunk group to enlargethe bandwidth.

Including full Layer 2+ Management features, the switches have the benefit of redundant ring technology as well as advanced VLAN features. IGMPv1-3 support allows for greater control of Multicast traffic across the network.

Features

Flexibility without Compromise.

— Managed 10Gb Ethernet switch
— Up to 48x 10/100/1000Tx RJ45
— Up to 20x 100/1000BaseFx SFP
— Up to 4x 1/10Gb SFP/SFP+

— L2 Full Managed/L3 Static Routing
— Stacking option up to 16 Switches
— IEEE 802.3af/at PoE/PoE+
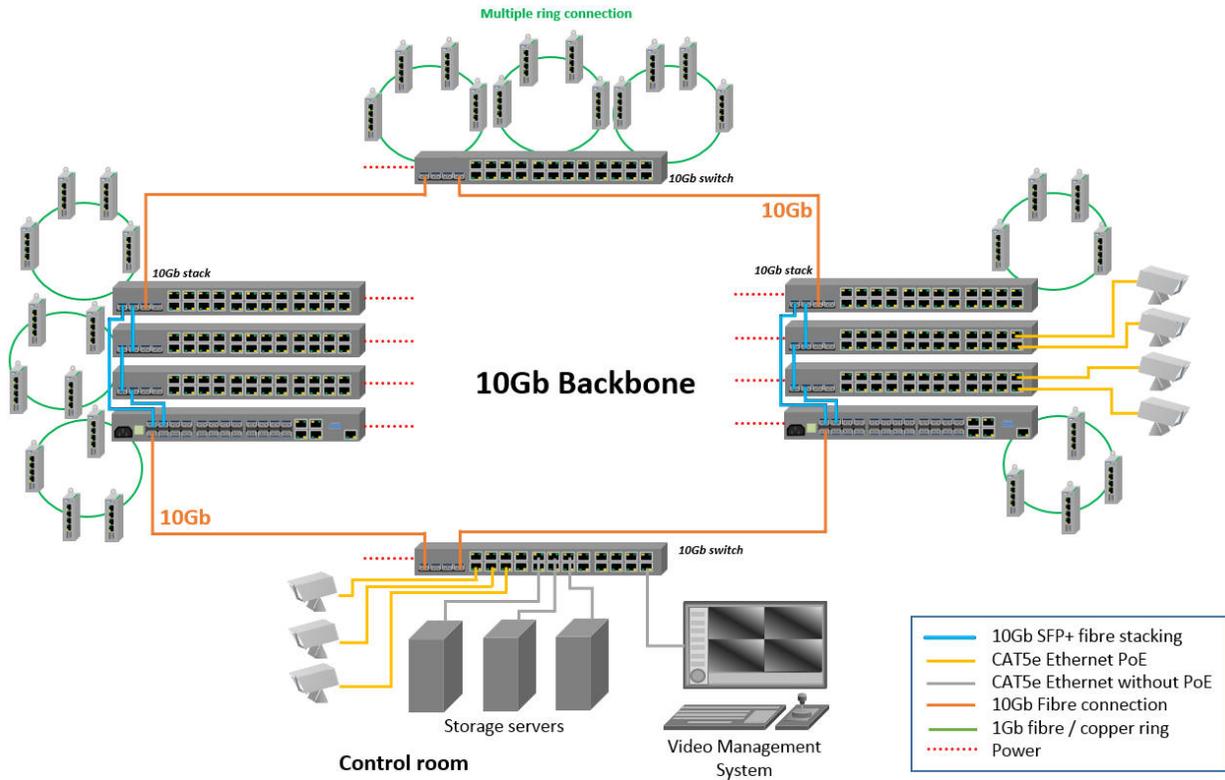— Commercial and Industrial

Benefits

High Performance.

— Affordable 10Gb network connectivity
— High throughput
— Robust features including stacking
— Low latency for video transmission
— PoE and PoE+ supported
— Cost-effective solution

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AMG
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Managed 10Gb switches are an ideal solution for high performance network aggregations, such as medium or large sized enterprise applications, to interconnect two or more remote locations by high-end and high throughput 10Gb connection over copper and fibre ports.

They allow customers to build a unified, highly resilient switching system.

Multiple ring connection

10Gb switch

10Gb

10Gb stack

10Gb stack

10Gb

10Gb Backbone

10Gb

10Gb switch

Storage servers

Control room

Video Management System

———	10Gb SFP+ fibre stacking
———	CAT5e Ethernet PoE
———	CAT5e Ethernet without PoE
———	10Gb Fibre connection
———	1Gb fibre / copper ring
·········	Power

10 Gigabit Ethernet for Everyone.

Network performance barriers are on the rise. Growing demand for bandwidth, to support high-end applications, requires the deployment of 10-Gigabit solutions.

10Gb is no longer a platform that only large enterprises can afford. The increasing adoption of 10Gb copper and fibre NIC adapters by servers, storage vendors and others is opening up the opportunity or 10Gb connectivity deployment for customers of all sizes.

Price of a 10Gb solution is more attractive then ever before. Nowadays, it is reaching similar price levels to Gigabit solutions from a cost per Gbit/s perspective

Stacking Features.

AMG Managed 10Gb switches include a stacking feature by using 2x 10Gb SFP+ ports that allows multiple switches to operate as a single unit.

An entire switch stack can be managed as a single entity with a single IP address, offering an advanced administration through a user-friendly browser interface.

The stack can include up to 16 switches, or total 384 gigabit ports plus 32 10Gb ports in a switch.

Fully Managed Fibre Solution.

AMG9CLMP-20GS-4XS-4GC Managed Switch is a next-generation Fibre Switch offering a full suite of L2 features with additional 10Gb uplink connections, including advanced L3 features such as Static Routing that delivers the better cost performance and lower total cost of ownership in Enterprise networks or backbone via fibre connections.

AMG fibre 10Gb Managed switches delivers 20 gigabit SFP ports, 4 gigabit Combo RJ45/SFP ports and 4 gigabit/10Gb SFP+ ports with built-in AC and DC dual power supply.

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