

# Flawless Networking for AV-over-IP

AV-over-IP is a fast-growing market. The ability to achieve remarkable Audio and Video quality over long distances while offering flexibility and scalability at an affordable price are critical needs that the AV industry cannot ignore.

## AV Matrix Switch Challenges

Lack of scalability and no I/O flexibility

Complex programming required

Need for certified installers with specific training

Proprietary technology and lack of compatibility

## NETGEAR<sup>®</sup> Solution Advantages

- Unprecedented cost savings
- Increased I/O flexibility and scalability with bidirectional ports
- Eliminates need to upgrade equipment when upgrading to 4K resolution
- True AV/IP convergence and interoperability



## The NETGEAR Commitment

- Comprehensive portfolio and product roadmap
- Expert sales & 24/7 technical support
- Executive management commitment
- Extensive channel programs, community and resources
- Executive management commitment

## AV-over-IP Opportunities

### Corporate

- Conference rooms
- Video walls
- Showroom

### Entertainment

- 4K Movie theater
- Broadcast
- IPTV streaming
- Casinos, sports bars

### Government/ Public Places

- Video control rooms
- Airport multi-displays

### Retail

- Digital signage
- Multi-display areas
- Sports bar

### Healthcare

- Online surgery
- Control rooms

### Audio over IP Applications

## SDVoE Founding Member

AQUANTIA<sup>®</sup>

CHKISTIE<sup>®</sup>

ZEEVEE<sup>®</sup>  
Signal Intelligence

SEMTECH

SONY

NETGEAR<sup>®</sup>

## Contact

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## ZeroTouch Network Configuration | 10-Gigabit Ethernet Switches



MODEL NAME	M4300-8X8F	M4300-12X12F	M4300-24X	M4300-24X24F	M4300-48X	M4300-96X
Management	Full	Full	Full	Full	Full	Full
Total 10gb ports	16	24	24	48	48	Up to 96
10gb copper ports	8	12	24	24	48	Up to 96 by multiples of 8
10gb SFP+ ports	8	12	4 combo	24	4 combo	Up to 96 by multiples of 8
Fabric	320 Gbps	480 Gbps	480 Gbps	960 Gbps	960 Gbps	1.920 Tbps
Half width	✓	✓	✓	-	-	-
Full width	-	-	-	✓	✓	✓
PoE+	-	-	-	-	-	✓

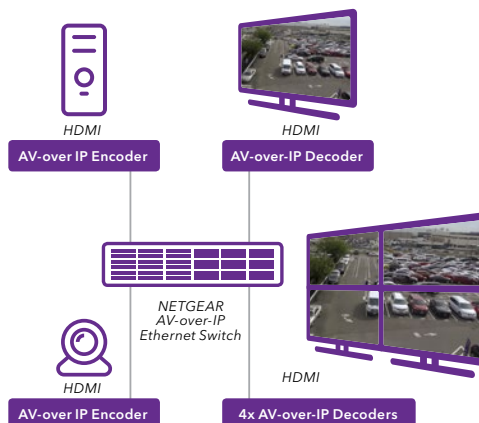
## ZeroTouch Network Configuration | Gigabit Ethernet Switches



MODEL NAME	M4300-28G	M4300-52G	M4300-28G-POE+		M4300-52G-POE+	
Model Number	GSM4328S	GSM4352S	GSM4328PA	GSM4328PB	GSM4352PA	GSM4352PB
10/100/1000 RJ45	24 ports	48 ports	24 ports PoE+		48 ports PoE+	
10GBASE-T RJ45	2 ports	2 ports	2 ports		2 ports	
1G/10G SFP+	2 ports	2 ports	2 ports		2 ports	
Form Factor	Full width					
Rack Mount	1-unit in 1U					
Power Supply	Modular 2 bays					
Included PSU	(1) APS150W		(1) APS550W	(1) APS1000W	(1) APS550W	(1) APS1000W
PoE+	-	-	✓	✓	✓	✓

### NETGEAR M4300 Switches Offer:

- Speed & bandwidth – from 1 to 10 Gigabit; even 40 Gigabit bandwidth for the best speeds
- Out of the box multicast/IGMP – just plug in the switch and play!
- Expert 24/7 support and limited LIFETIME warranty for complete peace of mind
- Choice – select from our large portfolio of copper, fiber and PoE, from 8 to 96 ports, various speeds



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