

AMG

S Y S T E M S

NETWORK TRANSMISSION SOLUTIONS

AMG570 AMG510

PRODUCT GUIDE



www.amgsystems.com

ABOUT AMG

We are the market leaders in providing environmentally robust IP/Ethernet, wireless and hybrid communication transmission solutions. We are an ISO 9001 accredited company that operate to the highest standards. AMG products are designed and made in the UK and USA, and are sold with an industry-leading lifetime warranty.

INDUSTRIES



AMG operates across a range of industries all over the globe including oil & gas, transport, infrastructure, government and security. Our products can withstand the most demanding environments, from the hot and dusty climate in the desert to the unforgiving conditions on offshore platforms.

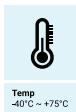
INDUSTRIAL SWITCHES



AMG570 series layer 2+ managed industrial Ethernet switches are designed in a thermally efficient housing ensuring high levels of device reliability under full load. With -40°C to +75°C temperature rating, these industrial switches will maintain performance in extreme conditions.



Non-PoE	RJ-45 (GbE) non PoE	SFP 100/1000 Base FX	SFP 100/1000/ 2.5G Base-FX	Recommended PSU
AMG570-4G-2S	4		2	AMGPSUH12-P24A
AMG570-8G-3S	8		3	AMGPSUH12-P24A
AMG570-8G-4S	8	2	2	AMGPSUH12-P24A
AMG570-12G-4S	12	2	2	AMGPSUH12-P24A
AMG570-8G-8S	8	6	2	AMGPSUH12-P24A
AMG570-16G-4S	16	2	2	AMGPSUH12-P24A
AMG570-12G-8S	12	6	2	AMGPSUH12-P24A
AMG570-16G-8S	16	6	2	AMGPSUH12-P24A





INDUSTRIAL SWITCHES

AMG's managed industrial switches support 100Mb, 1Gb, 2.5Gb & 10Gb Ethernet in multiple combinations of RJ-45 & SFP/SFP+ ports with many models supporting optional 30W or 60/90W PoE.

PoE	RJ-45 (GbE) non PoE	RJ-45 30W	RJ-45 90W	SFP 100/1000 Base FX	SFP 100/1000/2.5G Base-FX	PoE Total Power Budget Watts	Recommended PSU
AMG570-4GAT-2S-P120		4			2	120	AMGPSU48-P120A
AMG570-2GBT-2GAT-2S-P240		2	2		2	240	AMGPSU48-P240A
AMG570-8GAT-3S-P240		8			3	240	AMGPSU48-P240A
AMG570-2GBT-4GAT-2G-3S-P300	2	4	2		3	300	AMGPSU48-P480A
AMG570-4GBT-4G-3S-P360	4		4		3	360	AMGPSU48-P480A
AMG570-8GAT-4S-P240		8		2	2	240	AMGPSU48-P240A
AMG570-2GBT-6GAT-4S-P360		6	2	2	2	360	AMGPSU48-P480A
AMG570-12GAT-4S-P360		12		2	2	360	AMGPSU48-P480A
AMG570-2GBT-10GAT-4S-P360		10	2	2	2	360	AMGPSU48-P480A
AMG570-8GAT-8S-P240		8		6	2	240	AMGPSU48-P240A
AMG570-2GBT-6GAT-8S-P360		6	2	6	2	360	AMGPSU48-P480A
AMG570-16GAT-4S-P360		16		2	2	360	AMGPSU48-P480A
AMG570-4GBT-8GAT-4G-4S-P360	4	8	4	2	2	360	AMGPSU48-P480A
AMG570-12GAT-8S-P360		12		6	2	360	AMGPSU48-P480A
AMG570-4GBT-8GAT-8S-P360		8	4	6	2	360	AMGPSU48-P480A
AMG570-16GAT-8S-P360		16		6	2	360	AMGPSU48-P480A
AMG570-4GBT-8GAT-4G-8S-P360	4	8	4	6	2	360	AMGPSU48-P480A



Managed
Layer 2+



Contacts
1 In / 2 Out



NDAA/TAA
Compliant



PSU
x2 Dual



Temp
-40°C ~ +75°C



Mounting
DIN/Surface

COMMERCIAL SWITCHES



AMG's fully managed layer 2+ Ethernet PoE switches provide 100Mbps, Gigabit and 10 Gigabit Ethernet switching for commercial network applications. Available in 10 to 52 port models supporting 30W PoE+ or 60/90W PoE on each copper port. The AMG510 series support a wide range of management functions as well as Rapid Spanning Tree Protocol (RSTP), Multiple Spanning Tree Protocol (MSTP) and Ethernet Ring Protection Switching (ERPS) for network redundancy.

Non-PoE

	RJ-45 (GbE) non PoE	RJ-45 30W	RJ-45 90W	SFP 100/1000 Base FX	SFP 10Gb	PoE Total Power Budget Watts	Redundant Power
AMG510-8G-2S	8		2				
AMG510-16G-2S	16		2				
AMG510-22G-2C-2S	24 (2 Combo)		4 (2 Combo)				
AMG510-24G-4XS	24				4		
AMG510-24G-4XS-RP	24				4		Yes
AMG510-48G-4XS	48				4		
AMG510-4G-24S-4XS	4		24	4			

PoE

AMG510-8GAT-2S-P210	8		2			210	
AMG510-16GAT-2C-P290	18 (2 Combo)		2 Combo			290	
AMG510-22GAT-2CAT-2S-P460	24 (2 Combo)		4 (2 Combo)			460	
AMG510-24GAT-4XS-P460	24				4	460	
AMG510-8GBT-16GAT-4XS-P460	16	8			4	460	
AMG510-24GAT-4XS-RP540	24				4	540	Yes
AMG510-48GAT-4XS-P860	48				4	860	



Managed
Layer2+



Secure
802.1x



NDAA/TAA
Compliant



PSU
Mains/Dual



Temp
0 ~ +50°C



Mounting
19inch Rack

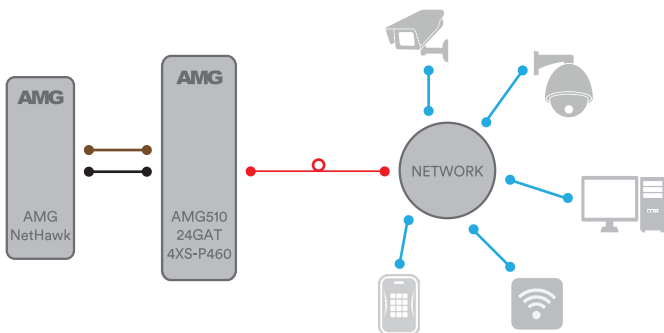
NET-HAWK

Net-Hawk is a comprehensive end to end network monitoring and management solution that provides granular visibility into not only every aspect of network infrastructure but also to end devices such as servers, cameras, access control panels.

Powered by  Progress



- Fully manage an entire network from a centralised platform including remotely controlling ports/PoE, configuration backup/auditing and remote config deployment.
- Comprehensive network monitoring of any network connected device.
- User customisable parameters allows for alarms to be generated, alerts to be sent via SMS, Email, API, and even raise tickets automatically into SLACK and ServiceNow.



PSU OPTIONS



AMG's industrial DIN-Rail power supplies provide reliable power for AMG standard and PoE based products and ensure stable equipment operation over a wide temperature range.



Screw Terminal

AMGPSU-I12-P24A

12 VDC, 24W (2A) Industrial Power Supply, DIN-Rail Mounting, -25°C to +70°C (Adjustable 11-14 VDC)

AMGPSU-I48-P60A

52 VDC, 60W (1.15A) Industrial Power Supply, DIN-Rail Mounting, -25°C to +70°C (Adjustable 43-55 VDC)

AMGPSU-I48-P120A

52 VDC, 120W (2.3A) Industrial Power Supply, DIN-Rail Mounting, -40°C to +70°C, Fault Relay Output (Adjustable 48-55 VDC)

AMGPSU-I48-P240A

52 VDC, 240W (4.6A) Industrial Power Supply, DIN-Rail Mounting, -40°C to +70°C, Fault Relay Output (Adjustable 48-55 VDC)

AMGPSU-I48-P480A

52 VDC, 480W (9.2A) Industrial Power Supply, DIN-Rail Mounting, -40°C to +70°C, Fault Relay Output (Adjustable 48-55 VDC)

IEC Input

The below PSU products also come with IEC Mains Power Input, Includes EU, USA or UK Left Angle Type Power Lead, IEC Locking Bracket.

AMGPSU-I48-P120A-IEC

AMGPSU-I48-P240A-IEC

AMGPSU-I48-P480A-IEC



Contacts
1x Fault



NDAA
Compliant



Mounting
DIN



Temp
-40°C ~ +70°C*

*25°C ~ +70°C for
AMGPSU-I12-P24A
AMGPSU-I48-P60

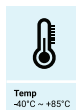
AMG SFP'S



The AMG SFP modules can carry a variety of speeds and feature digital diagnostic monitoring as standard. All of the range come with AMG's industry-leading lifetime warranty.

	Fibers	Distance (Metres)	Wavelength (nm)	Mates with
SFP-MM-1G-SX05-85	2	500	850	
SFP-MM-1G-SX2-31	2	2000	1310	
SFP-MM-1G-BX05-31	1	500	1310/1550	SFP-MM-1G-BX05-55
SFP-MM-1G-BX05-55	1	500	1550/1310	SFP-MM-1G-BX05-31
SFP-SM-1G-LX20-31	2	20,000	1310	
SFP-SM-1G-BX20-31	1	20,000	1310/1550	SFP-SM-1G-BX20-55
SFP-SM-1G-BX20-55	1	20,000	1550/1310	SFP-SM-1G-BX20-31

More SFP types available on request



DIN RAIL RACKS



The AMG2034 rack chassis provides an easy to install and maintain solution for mounting DIN rail equipment in 19inch racks and cabinets.

Its heavy duty slide out mechanism ensures maximum ease of installation and future maintenance.

AMG2034	Integrated Cable Management included in all units, PSU Not Included, No DC Unit Connections
AMG2034-12-RP-AA	Dual Redundant 12VDC @ 100W Integrated PSUs With 90-264 VAC IEC Mains Power Input, 10 x 12VDC Unit Connections
AMG2034-12-RP-AD	Single 12VDC @ 100W Integrated PSU With 90-264 VAC IEC Mains Power Input, Single 12VDC External Redundant DC Power Input, 10 x 12VDC Unit Connections
AMG2034-12-RP-DD	Dual 12VDC External Redundant DC Power Inputs, 10 x 12VDC Unit Connections
AMG2034-56-RP-AA	Dual Redundant 56VDC @ 1000W Integrated PSUs With 90-264 VAC IEC Mains Power Input, 10 x 56VDC Unit Connections
AMG2034-56-RP-AD	Single 56VDC @ 1000W Integrated PSU With 90-264 VAC IEC Mains Power Input, Single 56VDC External Redundant DC Power Input, 10 x 56VDC Unit Connections
AMG2034-56-RP-DD	Dual 56VDC External Redundant DC Power Inputs, 10 x 56VDC Unit Connections
AMG2034-1256-RP-AD	Single 12VDC @ 100W Integrated PSU & Single 56VDC @ 1000W Integrated PSU With 90-264 VAC IEC Mains Power Input, Single 12VDC & Single 56VDC External Redundant DC Power Inputs, 10 x 12VDC & 10 x 56VDC Unit Connections
AMG2034-1256-DD	Single 12VDC & Single 56VDC External DC Power Inputs, 10 x 12VDC & 10 x 56VDC Unit Connections



Explore all of AMG

+44 (0)1767 600777

sales@amgsystems.com

AMG Systems Ltd
4 Pioneer Way
Castleford
WF10 5QU
UK



+1-855-264-7631

usasales@amgsystems.com

AMG Systems Inc
62 Spring Hill Road
Trumbull
CT 06611
USA

