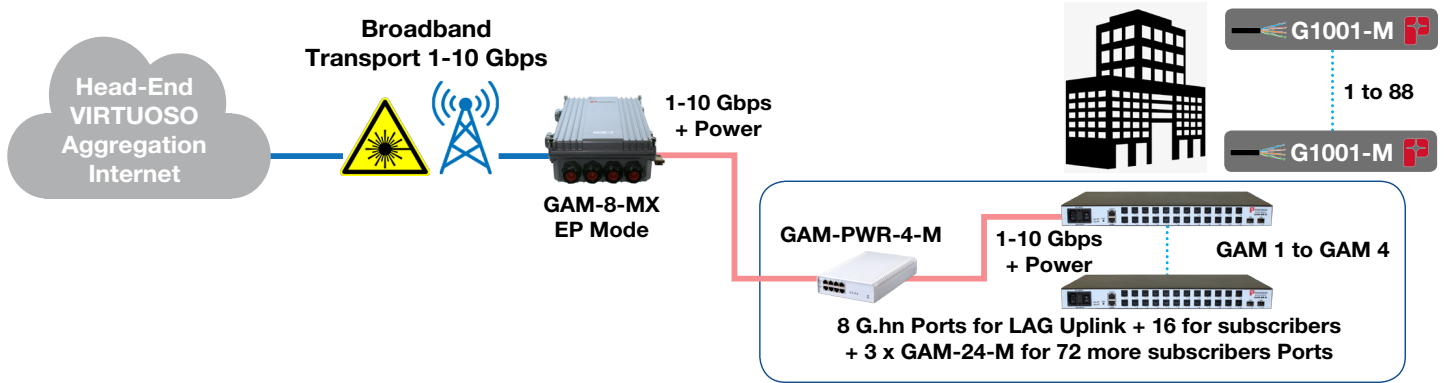


Positron GAM Line Powering – Mid Span Injector



GAM-PWR-4-M

The GAM-PWR-4-M is used to power a Reverse Power Fed (RPF) outdoor GAM-4-MRX or GAM-8-MRX that is connected to an indoor GAM MIMO device and used to aggregate 2 to 8 G.hn ports to extend fiber between these two (2) GAMs. This allows the GAM-4-MRX or GAM-8-MRX to operate from the power feed provided by a GAM located next to a local power source, basically providing the Reverse Power Feed similarly to a G1001-MR. The GAM-PWR-4-M requires two (2) pairs (MIMO mode) for each G.hn link.



Ordering Information

Part Number	Description
GAM-12-M	12 port G.hn Access Multiplexer (GAM) for use over Twisted Pair wiring for 1 pair (SISO) or 2 pairs (MIMO) per RJ45 port
GAM-24-M	24 port G.hn Access Multiplexer (GAM) for use over Twisted Pair wiring for 1 pair (SISO) or 2 pairs (MIMO) per RJ45 port
GAM-4-MRX	4 port G.hn Access Multiplexer (GAM) for use over Twisted Pair wiring for 1 pair (SISO) or 2 pairs (MIMO) per RJ45 port IP68-rated with extended temperature operation (-40°C to +65°C) Supports Reverse Power Feed (acting as a Powered Device - PD)
GAM-8-MRX	8 port G.hn Access Multiplexer (GAM) for use over Twisted Pair wiring for 1 pair (SISO) or 2 pairs (MIMO) per RJ45 port IP68-rated with extended temperature operation (-40°C to +65°C) Supports Reverse Power Feed (acting as a Powered Device - PD)
GAM-PWR-4-M	4 port Mid-Span Power G.hn copper Power Injector to power a remote GAM-4-MRX or GAM-8-MRX over 4 G.hn links (2 copper pairs per G.hn link - MIMO mode)

Technical Specifications

No of Ports	4 x G.hn/Ethernet ports IN and 4 x G.hn/Ethernet + Power ports OUT
Power over G.hn Pin Assignment and Polarity	Output Pairs 4/5 (+), 7/8 (-) Output Power Voltage: 55 Vdc User Port Power: 15.4W Typical
Input Power Requirements	AC Input Voltage: 100 to 240 Vac AC Frequency: 50 to 60 Hz AC Input Current: 1A @ 110 Vac; 0.4A @ 220 Vac
Dimensions	148 mm x 224 mm x 43 mm 5.82 in x 8.82 in x 1.69 in or 1U
Weight	1.4 lbs (0.62 kg)
LED Indicators	System Indicator: AC Power (Green) User Indicator: Channel Power (Green)
Connectors	Shielded RJ-45, EIA 568A and 568B
Environmental	Operating Ambient Temperature: 32° to 104°F (0° to 40°C) Operating Humidity: 10% to 90%, Non-condensing Storage Temperature: -4° to 158°F (-20° to 70°C) Storage Humidity: 5% to 95%, Non-condensing Operating Altitude: -1,000 to 10,000 ft (-304.8 to 3,048 m)
Thermal Rating	51 BTU/Hr
Regulatory	IEEE 802.3af (PoE Type 1) RoHS Compliant, VCCI, CE, C-Tick
Electromagnetic Emission & Immunity	FCC Part 15, Class B EN 55022 Class B (Emissions) EN 55024 (Immunity), VCCI
Safety Approvals	UL/cUL Per EN 60950-1 GS Mark Per EN 60950-1

Note: The GAM product family comes with a 2-year hardware warranty.