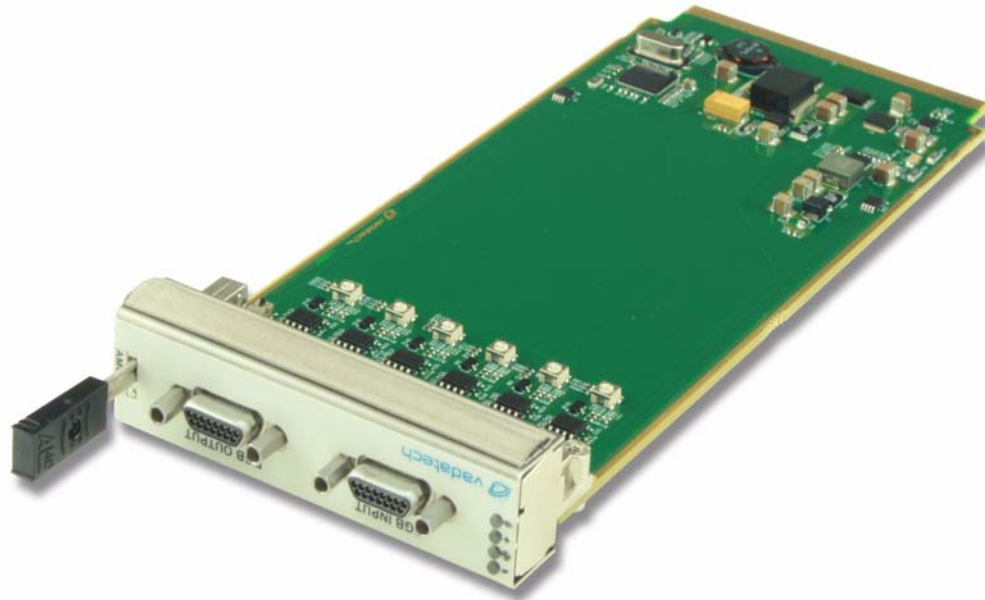




KEY FEATURES

- AMC form factor
- Dual RGsB video inputs
- Dual video outputs capable of driving up to 110 feet over coax
- Max display resolution 1600x1200 @ 60Hz
- Mid or Full-height front panel option
- IPMI 2.0 compliant
- RoHS compliant

The AMC901 is a AMC form factor module that has dual RGsB analog video receiver inputs. It outputs two analog RGsB that provide the capability to drive UXGA video up to 110 feet over coaxial cable.

The input impedance is 75 ohms with a signal level of 1 VPP per RS-343A with sync on green. The output characteristic being 1 VPP into 75 ohms per RS-343A which can drive a minimum of 110 feet of cable.

The AMC901 receives only power from the AMC bus and has no other connection to any of the ports. The AMC901 does have the management processor and complies fully to the AMC.0 management specification.

VadaTech can modify this product to meet special customer requirements without NRE (minimum order placement is required).

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SPECIFICATIONS

Architecture		
Physical	Dimensions	Mid-Height (Full-Height option)
		Width: 2.89 in. (73.5 mm)
		Depth: 7.11 in. (180.6 mm)
Product	Video Driver	Dual RGsB to dual RGsB
Standards		
AMC	Type	AMC.0
Module Management	IPMI	IPMI Version 2.0
Configuration		
Power	AMC901	<2W
Environmental	Temperature	Operating Temperature: 0° to 65° C
		Storage Temperature: -40° to +90° C
	Vibration	1G, 5-500Hz each axis
	Shock	30Gs each axis
	Relative Humidity	5 to 95 percent, non-condensing
Interface Connectors	Rear	Dual Micro DB-15
Conformal Coating		Humiseal 1A33 Polyurethane Conformal Coating
		Humiseal 1B31 Acrylic Conformal Coating
Other		
MTBF	MIL Hand Book 217-F > 391,000 Hrs.	
Certifications	Designed to meet FCC, CE and UL certifications where applicable	
Standards	VadaTech is certified to both the ISO9001:2000 and AS9100B:2004 standards	
Compliance	RoHS	
Warranty	Two (2) years	
Trademarks and Logos	The VadaTech logo is a registered trademark of VadaTech, Inc. Other registered trademarks are the property of their respective owners. AdvancedMC™ and the AdvancedTCA™ logo are trademarks of the PCI Industrial Computers Manufacturers Group. All rights reserved. Specification subject to change without notice.	

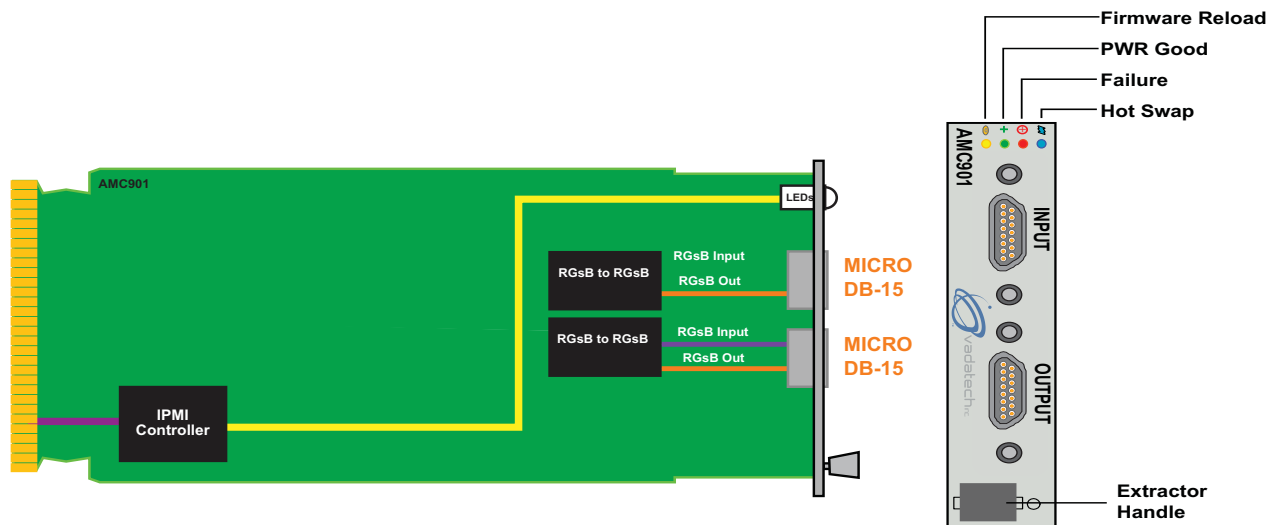


FIGURE 1. AMC901 Functional Block Diagram

ORDERING OPTIONS

C = Front Panel

- 1 = Half-Height
- 2 = Mid-Height
- 3 = Full-Height

AMC901 - 00C - 000 - 00J

J = Conformal Coating

- 0 = None
- 1 = Humiseal 1A33 Polyurethane
- 2 = Humiseal 1B31 Acrylic