



## Technical Specification

### Digital Video Input

VESA compliant DisplayPort v1.1a

### Analog Video Output

Progressive scan RGB, H-Sync, V-Sync (Analog VGA)  
Triple 8bit digital-to-analog conversion  
DDC

### Video Conversion

Intelligent solution - no configuration required.

Supported resolutions include:

SVGA 800x600  
XGA 1027x768  
HD 1280x720  
SXGA 1280x1024  
UXGA 1600x1200  
WUXGA 1920x1200

### Latency

Latency < 1 frame time  
Zero buffer process  
No video data persistence

### Environmental

Operating temp -20°C to +60°C  
IP67 dust-proof, water immersion to 1m  
Passively cooled, fanless enclosure

### Power

12-31V DC Input range  
28V DC Nominal input voltage  
Hardened against power transients  
Reverse polarity protection  
EMI hardened for immunity and emissions  
Military vehicle class power conditioning conforming to MIL-STD-1275E

### Mechanical

Milled from solid Aluminium Alloy block  
Size: 120 x 120 x 40 mm (4.7 x 4.7 x 1.6 inch) LWH  
Sealed IP67 rugged MIL-D38999 Connectors

### Standards Compliance

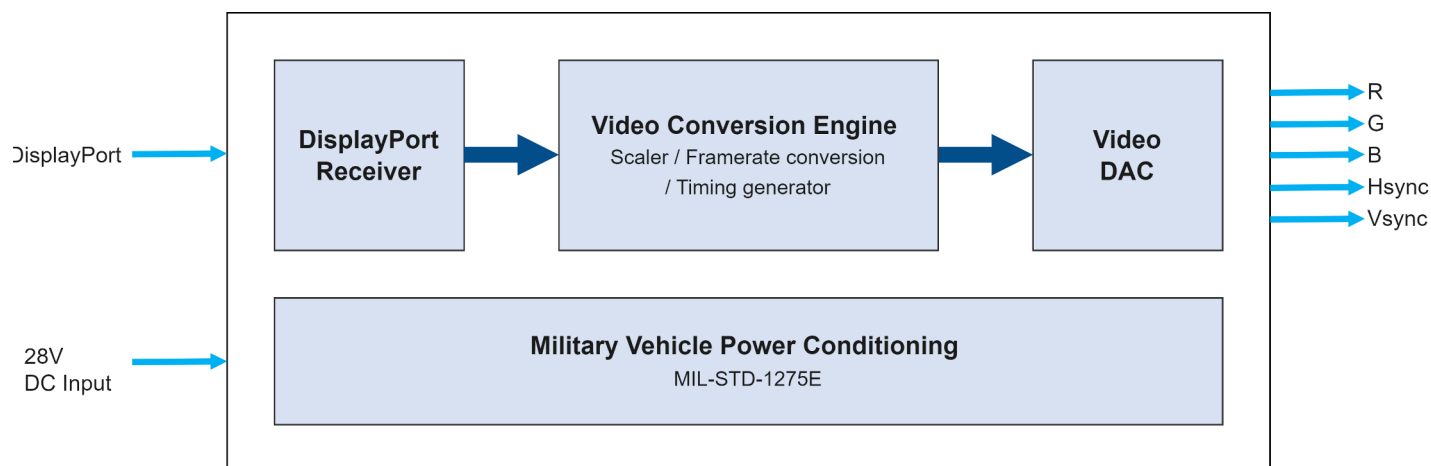
MIL-STD-1275E<sup>(1)</sup>

### Ordering Information

#### VETRO-CONV-DP-VGA

Vehicle ready rugged video converter. DisplayPort-to-VGA

## Functional Diagram



<sup>(1)</sup> The AMP VETRO-CONV family is designed to meet MIL-STD-1275E requirements.

