



## Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

### SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

### *InstraView*<sup>SM</sup> REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at [www.instraview.com](http://www.instraview.com) ↗

### WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. [www.artisanng.com/WeBuyEquipment](http://www.artisanng.com/WeBuyEquipment) ↗

### LOOKING FOR MORE INFORMATION?

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**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)



**Data Acquisition and Motion Control**

**VMIVME-4100**

**Board Level Products – Data Acquisition and Motion Control  
Analog Output Boards**

**VMIVME-4100  
16-CHANNEL ANALOG OUTPUT BOARD**

- Buffered (voltage output +/-10 V at 5 mA)
- 12-bit DAC per channel
- Output isolation switches
- Fast settling: 8  $\mu$ s maximum
- Double-buffered data latches, allows updating of all channels simultaneously
- Multiplexed programmable outputs for Built-in-Test support
- Jumper-selectable synchronized update control
- 4-, 8-, or 12-channel options available
- Double Eurocard form factor
- +/-0.05 percent of FSR gain error
- +/-0.025 percent of FSR offset error
- +/-1/4 LSB linearity error
- +/-1/2 LSB differential linearity error
- High accuracy option
- Selectable external update control input provides single update strobe for all DAC outputs
- Factory-trimmed gain and offset-requires no calibration
- Software board driver VMIVME/SW-Vx4100-00C-030 for VxWorks (680x0) is available
- Applications: Automatic Test Equipment Stimulus Outputs, Analog Output Voltage Source, Process Control Outputs, Servo Control Loops, Supervisory Control Systems

Ordering Options	A	B	C	-	D	E	F
VMIVME-4100	-				-		

**A = Analog Output Option**

0 = +/-10 VDC Bipolar Output

1 = Reserved

**B = Built-in-Test Option**

4 = Without Built-in-Test and without Output Isolation Switches

5 = With Built-in-Test and Output Isolation Switches

**C = Accuracy Option**

0 = Standard Accuracy

1 = High Accuracy



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