

# VG-862

PCI Bus Board Type Programmable Video Signal Generator

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**VG-862 is a built-in system type video signal generator for use with a built-in PCI bus. The generator is a special purpose digital output unit equipped with DVI (single link) and LVDS output. Windows standard is the installed software that allows output timing and setting / execution / control of a patterns to be easily accomplished. Full color output of natural graphic images is also possible. Building a compact batch control system into the production line together with a set of various types of inspection equipment demonstrates the powerful business signal source.**

# VG-862

## PCI Bus Board Type Programmable Video Signal Generator

### FEATURES

Supports various display interfaces

DVI and LVDS output connections are provided.

Space-saving

Half-size PCI bus board allows attachment to a compact PC.

Broadband output

Timing setting of 2-dot unit accuracy throughout the whole range is possible. Dot clock conforms to DVI 25~165MHz, and LVDS supports 20~85MHz.

Windows-supporting software included as a standard package

Editing / registration / execution of timing and patterns are possible by using the installed Windows software.

Also, users may arbitrarily create any software with optional libraries. Library function / parameters are basically the same as in conventional models so that user software created in the past may easily be converted.

### SPECIFICATIONS

Output specifications	
TMDS dot clock frequency	25.00 to 165.00MHz (DVI-I connector Single Link Digital only)
LVDS dot clock frequency	20.00 to 85.00MHz (MDR 26 pin connector)
Horizontal frequency setting accuracy	All 2-dot unit
Horizontal frequency / horizontal dot	10 to 300 KHz, 4096 dots Max.
Perpendicular frequency /	4096 15.6-200Hz maximum
Perpendicular scanning line	
Image memory	2048 dots x 2048 dots x 24 bits (bitmap)
Video output signal level	(DVI 1.0)
Simultaneous color development number	16,770,000 colors
Scanning	Non-interlace, interlace & sync, interlace & video
General specifications	
Slot	PCI bus 1-slot (PCI Bus Spec Rev2.1 compliant)
Power consumption	15W Max
Operating temperature range	5 to 40°C (41 to 104 °F)
Storage temperature range	-50 to 10°C (-58 to 50 °F)
Operating humidity range	30 to 85% RH (non-condensing)
Dimensions	106.7x174.6mm (4.2x6.9") (excluding PCI shorted circuit card and tang)
Weight	0.2kg (6.5oz)

The above contents are subject to change without notice.

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