

VG-848—in every field of display measurement!

VG-848 is the most significant portable type video signal generation unit supporting the measuring of all display fields, not just PC monitor displays, but also FPD television that corresponds to digitization of broadcast and the development of advanced technology display devices.

Abundant analog output channels are provided (BNC, D-Sub-15, D terminal, DVI-I, VBS, and S terminal). Supports RGB, color difference, trilevel synchronization and standard television signals.

Equipped with TMDS digital output (dual link) the unit can support super high-resolution displays superior to QXGA (2048x1536). A model supporting HDCP performance is also available.

VG-848, equipped with LAN interface signal generators, can control multiple units on production lines.

FEATURES

◆ Wideband clock range

Supports broadband output of 165MHz MAX with frequency setting accuracy at levels as high as 1 dot (analog only) along with 5 to 250MHz analog / 25 to 250MHz digital.

◆ Ethernet is adopted for external interface

Ethernet and RS-232C have been adopted for external interface. By supporting ethernet, the unit is now capable of performing batch control of multiple VG* units. Production line management has become more convenient.

◆ Editing with PC Card

ATA compliant Compact Flash Card is adopted for recording medium. Editing of BitMap program data can be saved directly with the PC without having to use VG.

◆ Supports 24-bit full color BitMap

VG-848 is capable of registering 16,770,000 BitMap colors that can be output as an image pattern.

◆ Equipped with scroll and simple animation picture function

Equipped with 1 dot level horizontal and vertical display pattern scroll function. Also, it can be used as simple animation picture depending on resolution.

◆ Supports TV signal

The unit supports RGB, YPbPr (YCbCr), Y/C, composite (NTSC/PAL/SECAM) and D terminal (D5) output.



■ VG-848H supports HDCP function.

What is HDCP (High-bandwidth Digital Content Protection)?

HDCP has been developed to prevent illegal copying of contents. It protects video signal content (PC, DVD player, etc.) sent by sender to receiver (monitor, television receiver, etc.). Contents cannot be copied illegally by the third party because of using random value signalization prepared when the sender assigns individual KEY and certification to receivers.

SYSTEM EXAMPLE

