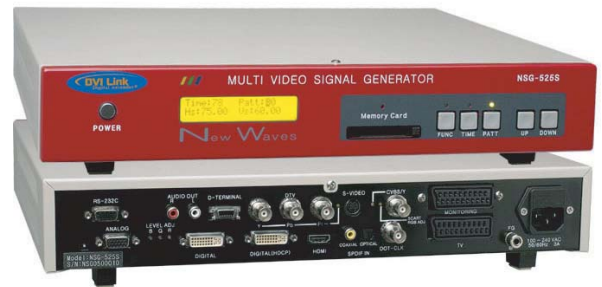




Video Signal Generator

NSG-525S is the multi-video signal generator to inspect analog, digital, TV, DTV, Audio, SPIF and HDMI. NSG-525S has over 300 built in signal formats memory, 999 user patterns memory and 9 built in BMP images that allow a wide variety of display criteria to be checked. It realizes an ultra-fast format-loading, image-drawing and ultra memory capacity. It has a moving function and luminance adjusting function using the easy key about all patterns. In addition, it supports 12bit color depth display device. So, it is suitable for not only TV and monitor but also 12bit color depth PDP Modules. Finally, NSG-525S supports easy convenient info view, timing view, HDCP process view and HDMI info view.



MAIN FEATURES

- 250Mhz Analog Video Rate
- DVI-I 165Mhz Digital Video Rate
- HDCP, HDMI 1.1
- DVI Dual for 10-12bit
- Graphic 2048*2048(BMP): UXGA BMP 20EA Capacity
- NTSC, PAL, SECAM Composite and S-Video output
- SCART, D-Terminal (D5)
- D-TV Component: Y, Pb, Pr/R,G,B
- Audio R, L output
- Dual SPDIF input: Coaxial & Optical
- Built-in 300 Timing Formats
- HDMI, HDCP, Timing, EDID info view
- PIP: Analog, Digital (DVI, HDMI) & DTV, TV, SDART, at the same time
- Large custom memory: 999 Timings, 999 Patterns, 250 Function Groups, 150 Scan Groups
- 2048*2048 Graphic display size
- All timing parameters ; Fully Programmable
- Power Saving mode test capability
- Easy and variable pattern edit function
- USB Reader, RS-232C interface PC download (Windows, Windows XP) : Pattern, Timing, Scan, Function and Firmware
- ESD Protection circuit
- Moving and Luminance. Adjustment function about all patterns manually and auto

TECHNICAL SPECIFICATIONS

- Analog Video Output
- Analog Clock: Range: 4Mhz-250Mhz, Accuracy: Less than 25ppm Rise & fall time: <3ns, Output level; Video level: 0.2-1.2V, SOG Output Connector: D-sub 15-pin, Protection: Buffered by 75ohm isolation. Digital Video Output
- DVI: Single link; 25Mhz-165Mhz, Dual link; 8, 10, 12 bit Signal Swing: 550Mv, Connector; DVI-I (Analog RGB out available) DTV/TV Output
- Color Systems: NTSC (M,J,443), PAL (M,N, 60,B,D,G,I) SECAM Composite: Signal: CVBS, Connector: BNC S-Video: Signal; Y,Pb,Pr/R,G,B DTV Connector; BNC, D5
- DTV Formats: SMPTE, EIA and Australian like 108P,720P,1080I, 1152i SCART Output: CVBS, RGB,Y/C, Audio, Connector: SCART
- HDMI Output: Clock 25Mhz-165Mhz
- Audio ample Rate: 32Khz-192Khz Audio Output: Frequency; 20hz-20Khz, Amplitude; 200Mv-2V,
- Patterns; mute, Swap Frequency Sweep, Amplitude sweep, R&L simultaneous, Mono Horizontal Timing: Frequency; 10-300Khz, Total Pixel; 20-4096 Resolution, 1 Pixel
- Vertical Timing: Frequency; 10-200Khz, Total Pixel; 50-4096 Resolution, 1 line
- User Timing Formats: Built-in; 300, Storage; 700/ Edit Method, Remote controller
- User Patterns: Built-in 150, Storage 999/ Edit Method, Remote Controller
- Graphic Display: 2048*2048
- External Memory Compact Flash (128Mbyte)
- Scan Group: storage 150 groups (60 steps per 1 group)
- Edit Method Remote Controller Function Group: storage 250 groups (48 steps per 1 group)
- Edit Method Remote Controller User Interface: Front Panel Keys, Remote Controller, RS-232C, USB Card Reader
- Miscellaneous: Power – Frequency ; 50hz-60hz, Voltage; 90-260V

Operating Humidity – Below 80%
Temperature – 0-40°C

DIMENSIONS (mm)

- NSG-525G - (WxDxH) 369*365*75 (Unpacked)

WEIGHT (kg)

- NSG-525G – 4.3kg

2009-05

Ein Vertriebsprodukt von:

VIDELCO – Professionelle Audio-, Video-, Medien-Technik!

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