Handheld Multimedia Generator

Description

Opticis handheld digital signal generator, ODSG-01 is designed to offer various different video signals, test patterns, stored image files and audio to test easily and accurately if you are installing or testing HD equipment s such as digital or analog computer monitors, video projectors and multi-media monitors. ODSG-01 provides the convenience of small size and easy control for field technicians and factory people.

ODSG-01 enables to output not only digital video signal such as DVI/HDMI, component Y/Pb/Pr but also analog video signals - RGB, S-video and CVBS. ODSG-01 makes it easy to support all kinds of displays like projectors, PDP, Project and LCD displays.

The Opticis Multimedia Generator offers various advanced features. It provides widely used test patterns in SD and HD formats. It complies with DDC2B and HDCP. It offers media display functions to play stored video and audio files from embedded HDD.

Most of all, Opticis Multimedia Generator, ODSG-01 is handheld, cost effective and is a useful tool that allows pro A/V integrator to test and calibrate video equipments and displays.
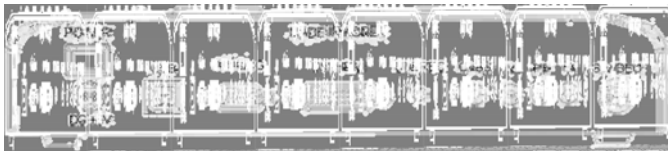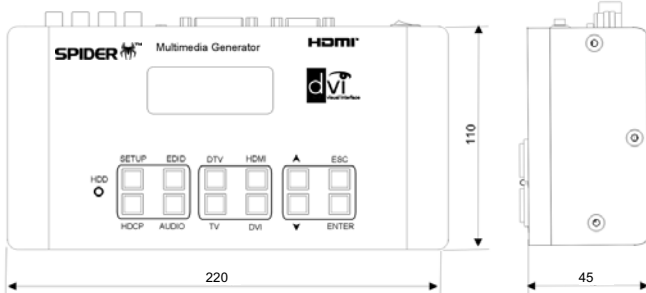
Key Features

♦ Offers analog and digital video signals including VESA, NTSC, PAL, HDMI, DVI and component Y/Pb/Pr.

♦ Handheld compact size and easy operation.

♦ Supports all VESA resolutions up to UXGA (1600x1200), 75Hz refresh rate.

♦ Supports DDC2B and HDCP.

♦ Provides various test patterns used by field technicians and engineer.

♦ Reads EDID data of connected display and scale a source to fit the display.

♦ Provides convenient keys to change functions related to EDID, HDCP and Audio.

♦ Offers media player function to play movie, music and image.

♦ Includes 80GB HDD for storing and playing AV files.

♦ Constant media play through hardware decoding.

♦ Easy firmware updates using USB port.

♦ Generates SD/HDSDI video signal through optional product – DVI to SDI/HDSDI convertor.

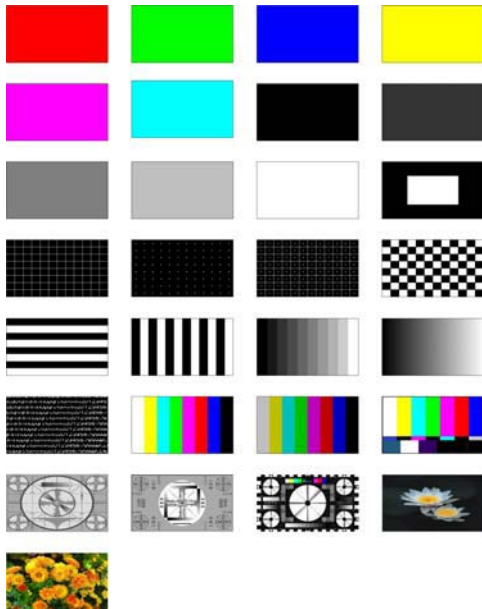♦ Contains +5V AC/DC adaptor, power cord and DVI to HDMI copper cable.

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Drawing and Panel Layout

Dimension [mm]

Test Pattern Images

Specifications

VIDEO	
HDMI	HDMI 1.2 version 48i/p, 576i, 720p, 1080i/p
DVI	640x480, 800x600, 1024x768, 1152x864, 1280x960, 1280x1024, 1600x1200
TV / S-VIDEO	NTSC, PAL
Component Y/Pb/Pr	480i/p, 576i/p, 720p, 1080i/p
Analog (R,G,B)	8Mhz-250 MHz (±25ppm) Horizontal 10~200 kHz (±25ppm) Vertical 10~200 kHz (±25ppm) Resolution 2048x2048
AUDIO	
Stereo Audio	Connector : 3.5 mm stereo jack
STORAGE	
Connection Method	USB 2.0
HDD Memory	80GB
VIDEO FORMAT	
Supported Format	MPG(MPEG1/2/4), AVI(MPEG1/2/4-V3), DivX3/4/5, Xvid, VC-1, WMV (WMV9), ASF, TS(MPEG Layer), TRP (MPEG Layer)
IMAGE FORMAT	
Supported Format	JPG, BMP, PNG, GIF
AUDIO FORMAT	
Supported Format	MP3, WMA, AAC, PCM, AC3, WAV, BSAC, WMAPRO
OTHER FUNCTIONS	
HDCP	Compatible (ver. 1.1)
EDID	ON/OFF selectable DDC2B compatible
IP code	IPXO
OPTION PRODUCT	
HD-SDI Converter	Provided optionally

All contents are subject to be changed without prior notice.

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