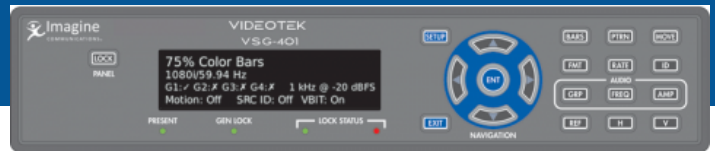


Videotek® CMVS-DVI & CMVS-SDI

Compact Monitor and Signal Generator Ordering Package



The Videotek® CMVS-DVI or CMVS-SDI test set ordering package consists of two products; the VSG-401 and the CMN-41-3GB or the CMN-MV-3GB mounted in a dual rack mount DRT-4 chassis in 1RU. The CMN compact monitor and VSG-401 will support dual-link, 3G/HD/SD-SDI signal formats and provide test signals and Black burst or Tri level sync to test the system signal path integrity.

Part of the Videotek Compact Monitor Series, the unit is small in size and light in weight, making it a perfect fit for all broadcast television, mobile truck and post production environments. The CMN-41-3GB provides a DVI-D output to connect to any standard DVI-D monitor for display of waveform, vector, timing, audio and other displays. The CMN-MV-3GB provides the displayed output as a 720p 60 Hz format HD-SDI signal on a BNC connector that can be used to display the information on a SDI monitor or send it to a router or multiviewer. The displayed output of the CMN-41-3GB and the CMN-MV-3GB are the same only the output format is different for different applications.

The VSG-401 provides four copies of the SDI test signal output with selectable format, frame rate and signal type, and up to 16 channels of embedded audio, with group enabled settings and global settings for amplitude and frequency. There are two AES outputs, with one output selectable as word clock or digital audio reference signal (DARS). Also included are two copies of the sync output selectable as blackburst or tri-level sync along with a looping reference input that accepts blackburst or tri-level sync.

The test signal outputs on the VSG-401 allow source ID selection up to 19 characters. Users can add continuous motion of a bouncing block to any test pattern except check field.

Features

The CMVS-DVI or the CMVS-SDI are combinations of the CMN-41-3GB and the VSG-401 or the CMN-MV-3GB and the VSG-401 mounted in the Dual Rack tray DRT-4. Below are the features of the individual products in this ordering package. More information can be found at:

The CMN-41-3GB or the CMN-MV-3GB [specifications](#).

The VSG-401 [specifications](#).

VSG-401 features

- Small form factor
- Four outputs (two for dual link), selectable as 3 Gb/s, HD, SD or DL
- Two blackburst or tri-level sync outputs
- Two AES/EBU outputs
- Up to 16 channels of embedded audio test signals
- Selectable audio level and frequency
- 19-character source ID can be added to test signals
- Genlock to standard color black or tri-level sync
- Ethernet port for updates and web browser

CMN-41 and CMN-MV features

- Supports 3G/HD/SD-SDI inputs
- Metering of all 16 channels of embedded audio
- Quad display of audio, picture, waveform and vector
- Thumbnail picture with adjustable size and position
- Waveform display of external reference or LTC input
- Overlay display with independent size and position of waveform, vector and picture
- 99 presets
- Standard four-pin XLR DC power input (AC adapter supplied)
- Convection cooled, silent operation (no fan)
- Front-panel headphone jack
- Front-panel USB port for save/recall of presets, screen captures and SDI captures

Specifications

Specifications and designs are subject to change without notice.

The CMN-41-3GB or the CMN-MV-3GB [specifications](#).

The VSG-401 [specifications](#).

Ordering Information

CMVS-DVI	Compact Monitor and Signal generator test set, includes CMN-41-3GB (DVI OUTPUT), VSG-401 and the DRT-4
CMVS-SDI	Compact Monitor and Signal generator test set, includes CMN-MV-3GB (SDI OUTPUT), VSG-401 and the DRT-4

