

A Portable Video Generator for Testing and Calibrating All Display Types in All Resolution Modes—including SDI and HDSDI serial digital output test signals.



Delivers ATSC-RF,
DVI Video, SDI,
HDSDI & more...

VideoPro-SH Multimedia Video Generator Features:

- **SDI** and **HDSDI** serial digital video output for installing, testing, calibrating and maintaining commercial video system SDI/HDSDI displays and projectors
- Delivers the signals and formats you need for testing, calibrating and servicing any display type
- Provides the **ATSC RF** output for quick and accurate calibration of HDTV displays with integrated HD tuners
- Provides **DVI** output for testing and calibrating video displays with DVI and HDMI digital inputs
- Also provides **Component Video, S-Video,**
- **Composite Video and Computer Monitor Signals** for testing all display inputs
- Selectable video formats (such as 1080i and 720p HDTV) help you test the display in all operating modes
- Generates innovative patterns for determining a video display's performance and making quick adjustments, including **Circles, Pluge,** and **Color Decoder Check** and **Adjust**
- Handheld, portable and battery operated, lets you test and calibrate video displays wherever the job takes you

VideoPro SDI/HDSDI Multimedia Video Generator

Video Formats

SDTV/HDTV: 480i, 480p / 720p, 1080i, 1080p
 NTSC/PAL: Standard NTSC, Standard PAL
 Vesa/Mac: 38 standard formats from 640x350 to 1920x1024
 Format Storage: 100 total

Video Outputs

SDTV/HDTV: YPbPr, RGB, DVI
 NTSC/PAL: Composite, S-Video, RGB
 Vesa/Mac: RGB, DVI

Horizontal Timing

Frequency: 1.5 kHz—250 kHz
 Active pixels: 16 to 4094 pixels

Vertical Timing

Frequency: 1 Hz—1 kHz
 Active lines: 1—4095 lines
 Scan Types: Progressive, Interlace

NTSC RF Channel Output (VP403 SH)

Channels: 2, 3, 4, 6
 Carrier Level: 10 dBmV ±3 dBmV
 Carrier Accuracy: ± 50 kHz

ATSC RF Channel Output (VP403 SH)

Channels: 2-4, 7-10, 30-32
 Carrier Level: 5 dBmV ± 5 dBmV
 MER: >27

Audio Output

Channels: Two, 1kHz (left), 2kHz (right)
 Connector: 3.5mm stereo phone jack

Patterns

SMPTE Bar, Staircase, H_Stair, Pluge, Needle, HiLoTrk, Overscan, Sharpness, Window1, Window2, Raster, DecodAdj, DecodChk, Color-Bar, Crosshatch, Converge, Linearity, Anamorphic, Regulate, Checker, Multiburst, Focus, Ramp

SDI: SMPTE 292M, 10 bit 1.485 Gb/s

Formats: 525i (720x486@59.94) ITU-R/BT.601-4
 625i (720x576@50i) ITU-R/BT.601-4

HDSDI: SMPTE 259M, 10 bit 270 Mb/s

Formats: 720p @60, 59.94, 50 Hz
 1080i, 1080p @30, 29.97, 25, 24, 23.98 Hz

Power

Battery: 6 internal AA NiMh rechargeable
 Use time: 8 hours with NiMh
 AC: 12V Regulated Charger/Adapter
 Recharge: 8 hours

Weight & Size: (unpacked, w supplied batteries)

VP403C: 2.0 lbs, 6 x 8.25 x 2.875 in.



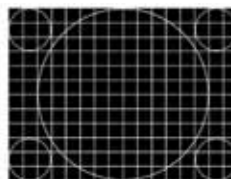
"VideoPro" Innovative Patterns



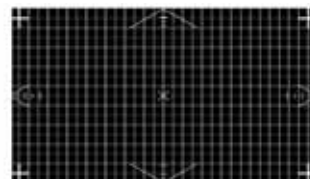
Pluge



Decode Adjust



Linearity



Overscan (16:9 shown)

VideoPro SH Product Family

Outputs	Multimedia Video Generators			
	400-SH	401-SH	403-SH	403C-SH
Composite	X	X	X	X
S-Video	X	X	X	X
VESA/MAC RGB	X	X	X	X
Component SDTV/HDTV	X	X	X	X
DVI		X	X	X
NTSC-RF			X	X
ATSC-RF			X	X
SDI/HDSDI	X	X	X	X
ATSC-RF Video Clips & Photo Images				X

VideoPro SDI/HDSDI Video Generator Supplied Accessories

- DVI-I to DVI-I 6 ft. cable (VP401, VP403)
- DVI-I to 5 BNC 6 ft. cable
- DVI-A to VGA HD-15F adapter
- S-Video 6 ft. cable
- Coaxial BNC to BNC 6 ft. cable
- Coaxial RF "F" to RF "F" 6 ft. cable (VP403)
- BNC to RCA Phono adapters (5)



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