

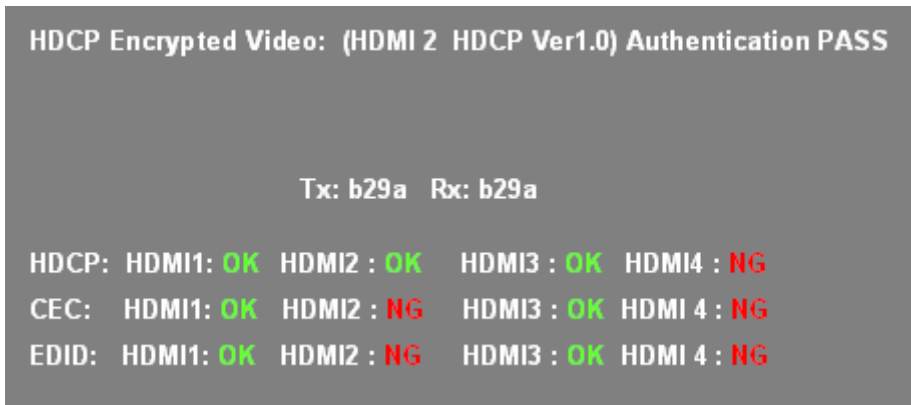
Video Signal Generator

VG-882-A

Multi-Interface Signal Generator for TV production line

Main Features

- HDMI x 4 ports, PC analog and TV interfaces.
- HDMI 1.4a ARC (Audio Return Channel) and 3D functions are supported (option).
- HEC function is tested with optional HEAC Adaptor (IA-1542)
- HDCP / EDID / CEC check patterns (as below picture) display of every HDMI ports (Option)
- Remote box operation (RB-1870 or RB-1871)
- Program edit by software SP-8870 (USB communication)



Example: HDCP/EDID/CEC check patterns

Appearance



Specifications

HDMI		
Connector	HDMI x 4 channels	
Dot Clock	8 BIT	25 – 165MHz (TMDS CLK : 165MHz)
	10 BIT	25 – 165MHz (TMDS CLK : 206.25MHz)
	12 BIT	25 – 150MHz (TMDS CLK : 225MHz)
HDMI Function	HDCP, EDID, CEC, Deep Color (ramp pattern)	
HDMI Audio Output	Output Frequency	100Hz -- 20KHz(sampling freq. 32KHz)
		100Hz – 20KHz (sampling freq. 44.1 / 48KHz)
ANALOG TV		
Interface type	Component RCA, D-terminal, CVBS, S-video SCART (YPbPr / RGB)	
Dot Clock	0.100 – 165.000 MHz	
Timing format	SDTV(NTSC, PAL), HDTV	
Functions	Closed Caption, V-chip, Teletext, WSS/ID1, CGMS-A	
ANALOG PC		
Interface type	VGA (D-sub 15pin) RGB 8-bit	
Clock frequency	165MHz	
Functions	DDC/CI, EDID	
Analog Audio		
Interface type	RCA x 2 (L/R)	
Frequency level	Sampling Freq. and frequency : Same as HDMI audio Level : 0-2000mV (50mV step)	
Test patterns		
Test patterns	Programmable by SP-8870 software	
Color depth	256 colors for Natural Pictures 256 to 4096 colors for Linear ramp (8 – 12 bit)	
Function	Scroll	
General specifications		
Operation	Remote box (RB-1870/RB-1871), Software (SP-8870)	
Data edit	Software (SP-8870) standard accessory	
Data storage	USB memory	
Data size	2000 Timing / 2000 Pattern / 99 Group	
Dimensions	370x66x300 mm / 3.5kgs	

The specifications are subjected to change without notice.

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