

"DTV & HDTV Digital and/or Analog Waveform, Vector, Picture & Audio Monitors"								
Feature	LV5800	LV5700A	LV5750	LV7700	LV7720	LV5100D (LV5100DE)	LV5152	LV5152DA
	Multi Monitor Platform	HD/SD-SDI with options for various systems	HD/SD-SDI Portable	HD/SD-SDI Rasterizer	SD-SDI Rasterizer (Upgradeable to HD)	SD-SDI and SD Analog (with Eye Pattern)	HD Analog	HD-SDI and HD Analog
Inputs								
SD-SDI & HD-SDI	2 BNC	2 BNC	2 BNC	2 BNC				
Dual Link HD-SDI	2 BNC	OP77						
SD-SDI Only					2 BNC	2 BNC w. Loop		
HD-SDI Only								2 BNC
MPEG Stream	Yes**	OP60						
Discrete AES/ABU	OP40	OP75						
Composite NTSC	OP03					Y Input		
Composite PAL	OP03					Y input		
Analog HD Component (3-wire)							2 sets	1 set
Analog SD Component (3-wire)						1 set	2 sets	
Additional SD/HD	OP01A	OP72						
External Reference Black Burst	Yes	Yes	Yes	Yes	Yes	Yes		
Ext Ref Tri-Level Sync	Yes	Yes	Yes	Yes			Yes	Yes
Display And Control								
Built-In XGA Display	Yes	Yes	Yes					
Built-In CRT Display						Yes	Yes	Yes
Rasterized Output	Yes	Yes		Yes	Yes			
CF Memory Card	Yes (USB)	Yes	Yes	Yes	Yes			
Ethernet Access & Control	Yes	Yes	Option	Yes	Yes			
Outputs								
SDI Output	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AES/EBU Disembed	OP40	Yes						Yes
Analog (RGB or YPbPr) Decode		Yes				Yes		Yes
Monitoring Modes								
Waveform	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vectorscope	Yes	Yes	Yes	Yes	Yes	Yes*	Yes	Yes
Picture	Yes	Yes	Yes	Yes	Yes	Yes (SID)	Yes (SID)	Yes (SID)
Color Space/Gamut	Yes	Yes	Yes	Yes	Yes			
Embedded Audio	OP40	Yes	Yes	Yes	Yes			
Analog Audio						Yes	Yes	Yes
Discrete AES/EBU	OP40	OP75						
Status & Data	Yes	Yes	Yes	Yes	Yes	Yes		Yes
Level & Gamut Error	Yes	Yes	Yes	Yes	Yes			Yes
Closed Caption Display	Yes	Yes		Yes	Yes			
Protocol Error	Yes	Yes	Yes	Yes	Yes			
Eye Pattern	OP02	OP70 or OP76				Yes (LV5100DE only)		
MPEG Stream Decoder	Yes**	OP60						
Additional SD/HD	OP01A	OP72						
Miscellaneous								
AC Operation	Universal	Universal				Universal	Universal	Universal
DC Operation		OP71	12Vdc	12Vdc	12Vdc			

* LV5100D and LV5100DE Vectorscope does not work for composite signals.

** Support in future.

Composite NTSC and/or PAL Waveform Monitors & Vectorscopes									
Feature	5873	5872A	5870	5860V	5861V	5850V	5851V	5222	5212
Format	PAL	NTSC	NTSC with SCH	NTSC	PAL	NTSC	PAL	NTSC/PAL/SECAM	NTSC/PAL
Composite NTSC		2 BNC w. Loop	2 BNC w. Loop	2 BNC w. Loop		2 BNC w. Loop		4 BNC w. Loop	3 BNC w. Loop
Composite PAL	2 BNC w. Loop				2 BNC w. Loop		2 BNC w. Loop	4 BNC w. Loop	3 BNC w. Loop
Analog SD Component (3-wire)								2 sets	
Ext Reference Black Burst	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Built-In Instrumentation CRT	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Waveform Monitor	Yes	Yes	Yes	Yes	Yes			Yes	
Vectorscope	Yes	Yes	Yes			Yes	Yes		Yes
AC Operation	Universal	Universal	Universal	Settable	Settable	Settable	Settable	Universal	Universal

Signal Generators		LT443D *1	LT4400	LT428	LT448
Format	Multi Format	Yes	Yes	Yes	Yes
	HD-SDI	HD/HDB	Yes		
	SD-SDI	SD/SDB	Yes	Yes	
	DVI-D				Yes
	YPbPr/GBR				Yes
	525/625 progressive	CS			Yes
	Y/C NTSC/PAL				Yes
	Composite NTSC/PAL	CS		Yes	Yes
Computer Monitor				VGA-SXGA	
Analog Output	Yes		Yes	Yes	
Serial Digital Output	Yes	Yes	Yes		
Embedded Audio	Yes	Yes	Yes		
AES/EBU Digital Audio	Yes		Yes		
Audio Word Clock	DA		Yes		
Analog Audio	AA		Yes	Yes	
Genlock	GLA	Yes	Yes		
Digital Black	SDB/HDB				
Digital Black + Embedded Audio	SDB/HDB				
Analog Tri-Level Sync	GLA/BL	Yes		Yes	
Black Burst	GLA/BL	Yes	BB	BB/Tri	
Monoscope Pattern	Yes			Yes	
ID 20 Character/Blinking	Yes/Yes	Yes			
Pattern Step	Yes			Yes	
Pattern Scroll/Moving Target	Scroll	Yes		SP/OP	
Check Field (SMPTE RP 198)	Yes	Yes			
EDH Codes (SMPTE RP 165)	Yes				
Presets	Yes	10	4	100	
Natural Picture	OP			SP/OP	
Universal AC Power Supply	Yes	DC12V	Yes	Yes	

* 1 : LT443D is modular so functions are determined by installed modules.

OP : Option

SP : Special Order