

LM7009 9" SD/HD/3G Monitor



Superb colorimetry in a complete 9" monitor



IPS (In-Plane Switching) technology improves viewing angles and colour reproduction, while LED backlight features better uniformity and lowers consumption.



DVI-I and HDMI inputs, included by default, provide direct connection with compatible cameras, multiviewers, PCs and analogue component video signals.



The SD-SDI input is active by default, and the rest of video inputs (composite and HD/3G-SDI), are optional and licence activated.



Audio monitoring is possible thanks to the different input options (analogue and SDI-embedded) and outputs (analogue, digital, headphones and stereo built-in speakers), as well as the configurable 1 dB precision vu-meters.



New tools have been developed to assist in the signal monitoring, such as independent waveforms for Y, Cb and Cr, vectorscope and histogram, as well as the "false colour" function.



High resolution dynamic in-monitor displays (IMD) are available on-screen. Additionally, the tally info (on screen or lamp) can be received serially or through contact closure.

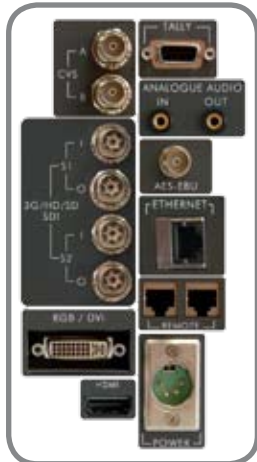
MAIN FEATURES

- 1024x768 resolution
- DVI-I and HDMI inputs
- Composite i/o (by menu)
- 2x SD/HD/3G-SDI inputs with active loop
- Composite, SD-SDI and HD/3G-SDI inputs activated by password
- Tri-colour tally
- Waveform, vectorscope, histogram
- False colour tool
- In-monitor display
- Audio i/o and VU-meters
- Built-in speaker
- PiP and PbP
- Colorimetry settings
- Remote control

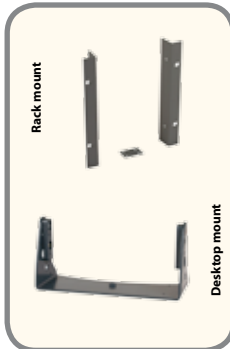
FRONT AND REAR VIEWS



REAR INPUTS



ACCESORIES



SPECIFICATIONS

LCD Panel		
Size		9" (16:9 native)
Resolution		1280x768
Active Area		195x113.4mm
Viewing Angle		178° H/V
MTTF		50,000 Hours
Brightness		400 cd/m ²
Contrast		900:1
Response Time		8 ms
Inputs		
DVI	Connector	DVI-I
	YPbPr	1080i (60, 59.95, 50), 576p@50i, 480p@60i
	RGB (VGA)	640x480, 800x600, 1024x768, 1280x1024, 1600x1200
	DVI Graphic mode	640x480 (60/50), 800x600 (60/50), 1024x768 (60/50), 1280x720(60), 1280x1024 (60/50), 1360x768 (60/50), 1366x768 (60/50), 1920x1200 (60/50)
HDMI	DVI Video mode	1920x1080(50i, 60i, 50p, 60p)
		640x480(60/50), 800x600(60/50), 1024x768(60/50), 1280x720(60), 1280x1024(60/50), 1360x768(60/50), 1366x768(60/50), 1920x1200(60/50), 1920x1080(50), 60i, 50p, 60p
Composite	Connector	2x BNC or 1x BNC (selectable by menu)
	SMPTE 170M	PAL/NTSC/SECAM
SD/HD-SDI/3G	Connector	2x BNC
	SMPTE-259M	576i@50, 480i@60
	SMPTE-296M	720p(60/59.94/50)
	SMPTE-274M	1080p(30/29.97/25/24/23.98), 1080sF(24/23.98), 1080i(60/59.94/50)
	SMPTE-260M	1035i(60/59.94)
Audio		1080p(60/50)
		SDI embedded audio
In-Monitor display		Analogue audio (Jack connector)
Remote control		RJ-45 Connector
Tally		Ethernet
LTC, VITC, VITC2		SUB-D9 Connector (contact closure and voltage)
Outputs		
Composite		SDI embedded
SD/HD/3G-SDI		1x BNC (selectable by menu)
Audio		2x BNC (active loop)
Tally		2x Analogue audio (Jack connector), front and rear
In-Monitor display		AES-EBU (BNC Connector)
General		
Dimensions		222 x 177.5 x 85.5 mm
Weight		1.5 Kg
Power		External PSU 100-240 VAC
Power consumption		23 W
Model #		LM7009A12
Accessories		LM7009X80: rack mounting kit
Activations		MS2305X50: desktop mount
		LM7009X03: blank panel
		LM7000X07: composite video inputs
		LM7009X08: HD/3G option