

LM7109 9" ENG SD/HD/3G Monitor

LM7000 SERIES
SD/HD/3G Monitors



Portable 9" with superb colorimetry and viewing angles



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 and vectorscope 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.

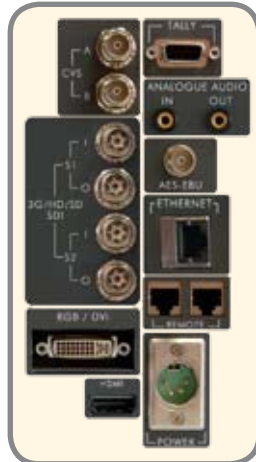
MAIN FEATURES

- 1280x768 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 and vectorscope
- False colour tool
- In-monitor display
- Audio i/o and VU-meters
- Built-in speaker
- PiP and PbP
- LTC, VITC and VITC2
- Remote control

FRONT AND REAR VIEWS



REAR INPUTS



ACCESSORIES



RETRACTABLE HANDLE

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	
Connector	DVI-I
IP/PrP	1080i (60, 59.95, 50), 576p/50i, 480p/60i
RGB (VGA)	640x480, 800x600, 1024x768, 1280x1024, 1600x1200
DVI	640x480 (60/50), 800x600 (60/50), 1024x768 (60/50), 1280x720(60), 1280x1024 (60/50), 1360x768 (60/50), 1366x768 (60/50), 1920x1200 (60/50)
DVI Graphic mode	1280x720(60), 1280x1024 (60/50), 1360x768 (60/50), 1366x768 (60/50), 1920x1200 (60/50)
DVI Video mode	1920x1080(50i, 60i, 50p, 60p)
HDMI	640x480(60/50), 800x600(60/50), 1024x768(60/50), 1280x720(60), 1280x1024(60/50), 1360x768(60/50), 1366x768(60/50), 1920x1200(60/50), 1920x1080(50i, 60i, 50p, 60p)
Composite	Connector: 2xBNC or 1xBNC (selectable by menu) SMPTC 170M: PAL/NTSC/SECAM
SD/HD-SDI/3G	Connector: 2xBNC SMPTC-259M: 576i/50, 480i/60 SMPTC-296M: 720p(60/59.94/50) SMPTC-274M: 1080p(30/29.97/25/24/23.98), 1080sf(24/23.98), 1080i(60/59.94/50) SMPTC-260M: 1035i(60/59.94) SMPTC-424M: 1080p(60/50)
Audio	SDI embedded audio Analogue audio (Jack connector)
In-Monitor display	RJ-45 Connector
Remote control	Ethernet
Tally	SUB-D9 Connector (contact closure and voltage) Connector RJ-45 (serial protocol)
LTC, VITC, VITC2	SDI embedded
Outputs	
Composite	1xBNC (selectable by menu)
SD/HD/3G-SDI	2xBNC (active loop) 2x Analogue audio (Jack connector), front and rear AES-EBU (BNC Connector)
Audio	Speaker (2 W) VU-meters
Tally	On-screen Lamp
In-Monitor display	RJ-45 connector
General	
Dimensions	222 x 177.5 x 85.5 mm
Weight	1.5 Kg
Power	Battery External PSU 110-240 VAC
Power consumption	23 W
Model #	LM7109A12S: Sony battery adaptor LM7109A12A: A. Bauer battery adaptor
Accessories	LM7109X80: rack mounting kit MS2305X50: desktop mount AC1200X01: transport bag with sun hood and rain cover
Activations	LM7000X07: composite video inputs LM7009X08: HD/3G option