LM7109 9" ENG SD/HD/3G 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 lisence 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 precission 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.

SPECIFICATIONS

Size 9" (16:9 native) Resolution 1280x768 Active Area 195x113.4mm Viewing Angle 178" H/V MTTF 50,000 Hours Brightness 400 cd/m² Contrast 900:1 Response Time 8 ms DVI 001 Go.59 95, 50, 574e50, 460e60 DVI Graphic mode 640x480(cl/50), 800x60(cl/50), 1024x768 (cl/50), 1124x768 (cl/50), 1125x768 (cl/50), 1124x768 (cl/50), 1124x768 (cl/50), 1125	LCD	Panel	
Active Area 195x113.4mm Viewing Angle 178° H/V MTTF 50,000 Hours Brightness 400 cd m² Contrast 900:1 Response Time 8 ms Inputs 50000 Hours DVI 50000 Hours Brightness 50000 Hours SD/HD SDI/30 50000 Hours SMFE 22000 Hours 500000 Hours SMFE 22000 Hours 500000 Hours SMFE 22000 Hours 50000 Hours SMFE 22000 Hours 500000 Hours SMFE 22000 Hours 500000 Hours SMFE 22000 Hours 5000000 Hours SMFE 22000 Hours 5000000 Hours SMFE 2	Size		9" (16:9 native)
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DVI 1000 (60.39.35, 50), 576e50, 480e601 DVI PROF (VGA) DVI Graphic mode 2400480, 800000, 1024-768, 12001/20, 1400-720 DVI Graphic mode 1200x701601, 1200x705, 1001/20, 1001/	In	puts	
DVI BCB (VGA) DVI Graphic mode ====================================			
DVI Graphic mode 1280.270(60), 1280.120 (60/50), 1380.278 (60/50), 1380.			640x480, 800x600, 1024x768, 1280x1024, 1600x1200
DVI Video mode 1920x1080(50), 60, 50, 600, 600; HDMI 1920x1080(50), 1024	DVI		640x480 (60/50), 800x600 (60/50), 1024x768 (60/50), 1280x720(60),1280x1024 (60/50), 1360x768 (60/50), 1366x76
HDMI 1280/2016(0),1280x1024(60/50), 1366/2586(60/50),0200x1020(60/50), 15920x1080(50), 60, 50p, 60p) Composite Connector SMPTE 170M 2x8NC (selectable by menu) SD/HD-SDI/3C SMPTE-260M SMPTE-260M 720p(60/50, 40, 50p, 60p) SMPTE-260M 720p(60/50, 44, 50p) SMPTE-260M 720p(60/50, 44, 50p) SMPTE-260M 1080p(30/25, 97/25/24/23, 98), 1080(60/59, 94/50) Audio SMPTE-260M Lin-Monitor display RJ-45 Connector Remote control Ethernet Tatly SUB-90 Connector (contact closure and voltage) Composite 1x8NC (selectable by menu) SD/HD/3G-SDI 2x8NC (selectable by m		DVI Video mode	
Composite Connector SWPTE 170M 2xBNC or 1xBNC (selectable by menu) PAL/NTSC/SECAM SD/HD-SD/3C SWPTE 274M 2xBNC SWPTE 256M 2xBNC 720(60/39, 94/50) SD/HD-SD/3C SWPTE 274M 1080(80/39, 94/50) 300(80/39, 94/50) SWPTE 274M 1080(80/39, 94/50) 300(80/39, 94/50) 300(80/39, 94/50) Audio SUPTE 274M 1080(80/39, 94/50) 300(80/39, 94/50) Audio SUPTE 274M 1080(80/39, 94/50) 300(80/39, 94/50) LTC, VITC SUPTE 274M SUPTE 274M 300(80/39, 94/50) SUPTE 274M SUPTE 274M 300(80/39, 94/50) 300(80/39, 94/50) LTC, VITC SUPTE 274M SUPTE 274M 300(80/39, 94/50) 300(80/39, 94/50) LTC, VITC, VITC2 SUPTE 274M SUPTE 274M	HDMI		1280x720(60),1280x1024(60/50), 1360x768(60/50), 1366x768(60/50), 1920x1200(60/50)
Composite SMPTE 170M PAL/NTSC/SECAM SD/HD-SDI/3G SMPTE-296M 3268C SD/HD-SDI/3G SMPTE-296M 7206/05/9,94/50) SMPTE-260M 10806/07/9,94/50) SMPTE-260M S01 embedded audio Audio S01 embedded audio Audio S01 embedded Outputs S01 embedded Composite 1x8NC (selectable by menu) SD/HD/3G-SDI 2xA80(active loop) 2xA800ge audio (Jack connector), front and rear Audio 2x4810ge audio (Jack connector) Tally 2x4810ge audio (Jack connector) SD/HD/3G-SDI 2x2x177.5 x 85.5 mm Tally Lamp In-Monitor display R1-45 connector General 222 x 177.5 x 85.5 mm Weight 1.5 kg Power consumption<			
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Activations LM7000X07: composite video inputs	Accesories		MS2305X50: desktop mount

- **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

FRONT AND REAR VIEWS





REAR INPUTS

Portable 9" with superb

Waveform, vectorscope,

Audio i/o and VU-meters

histogram

False colour tool

Built-in speaker

Remote control

PiP and PbPLTC, VITC and VITC2

In-monitor display

colorimetry and viewing angles



RETRACTABLE HANDLE

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