

# LM7024 24" SD/HD/3G Monitor



Full HD screen with superb viewing angles and colour

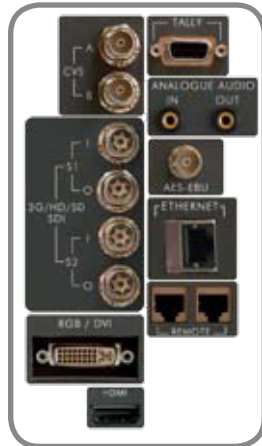
## MAIN FEATURES

- 1920x1200 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
- Stereo built-in speakers
- PiP and PbP
- Colorimetry settings
- Remote control

## FRONT AND REAR VIEWS



## REAR INPUTS



## ACCESORIES



The monitor's display features H-IPS (Horizontal In-Plane Switching) technology, providing high contrast ratio, improved viewing angles and better colour reproduction.



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.

## SPECIFICATIONS

LCD Panel		
Size		24" (16:10 native)
Resolution		1920x1200
Active Area		518x324mm
Viewing Angle		178° H/V
MTTF		50,000 Hours
Brightness		400 cd/m <sup>2</sup>
Contrast		1000:1
Response Time		6ms
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)
DVI Video mode	1920x1080(50), 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(50), 60i, 50p, 60p)
		1920x1080(50), 60i, 50p, 60p)
Composite	Connector	2xBNC or 1xBNC (selectable by menu)
	SMPT-E 170M	PAL/NTSC/SECAM
SD/HD-SDI/3G	Connector	2xBNC
	SMPT-E 259M	576i@50, 480i@60
	SMPT-E 296M	720p(60/59.94/50)
	SMPT-E 274M	1080p(30/29.97/25/24/23.98), 1080sF(24/23.98), 1080i(60/59.94/50)
	SMPT-E 260M	1035i(60/59.94)
SMPT-E 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)
Audio		2x Analogue audio (Jack connector), front and rear
		AES-EBU (BNC Connector) Speakers(2+2 W)
Tally		VU-meters On-screen Lamp
In-Monitor display		RJ-45
General		
Dimensions		552 x 379 x 92.5mm
Weight		8 Kg
Power		Internal PSU 110-240 VAC
Power consumption		65 W
Model #		LM7024A11
Accessories		LM7024X80: Rack mounting kit MS2300X50: articulated desktop adaptor MS2304X50: fixed desktop adaptor
Activations		LM7000X07: composite video inputs LM7009X08: HD/3G option