# 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

## FRONT AND REAR VIEWS

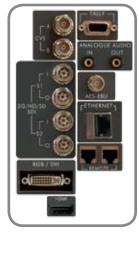


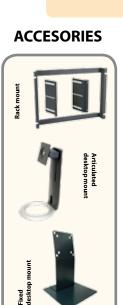


#### Waveform, vectorscope, histogram

- False colour tool
- In-monitor display
- Audio i/o and VU-meters
- Stereo built-in speakers
- PiP and PbP
- Colorimetry settings
- Remote control

## **REAR INPUTS**





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,



deo signals.





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 I CD Panel

	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		
		Connector	DVI-I
		YPbPr RGB (VGA)	1080i (60,59.95, 50), 576@50i, 480@60i 640x480, 800x600, 1024x768, 1280x1024, 1600x1200
	DVI		640x480 (60/50), 800x600 (60/50), 1024x768 (60/50),
		DVI Graphic mode	1280x720(60),1280x1024 (60/50), 1360x768 (60/50), 1366x76 (60/50), 1920x1200 (60/50)
		DVI Video mode	1920x1080(50i, 60i, 50p, 60p)
DRIES	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), 60), 50p, 60p)
TIES	Composito	Connector	2xBNC or 1xBNC (selectable by menu)
	Composite	SMPTE 170M	PAL/NTSC/SECAM
1		Connector	2xBNC
		SMPTE-259M SMPTE-296M	576i@50, 480i@60 720p(60/59.94/50)
	SD/HD-SDI/3G	SMPTE-274M	1080p(30/29.97/25/24/23.98),
		SMPTE-260M	1080sF(24/23.98), 1080i(60/59.94/50) 1035i(60/59.94)
		SMPTE-424M	1080p(60/50)
	Audio		SDI embedded audio Analogue audio (Jack connector)
	In-Monitor display Remote control		RJ-45 Connector
de Ar			Ethernet
Articulated desktop mount	Tally		SUB-D9 Connector (contact closure and voltage) Connector RJ-45 (serial protocol)
n in	LTC, VITC, VITC2		SDI embedded
2	Outputs		
	Composite		1xBNC (selectable by menu)
8	SD/HD/3G-SDI		2xBNC (active loop) 2x Analogue audio (Jack connector), front and rear
	Audio 		AES-EBU (BNC Connector)
			Speakers(2+2 W) VU-meters
			On-screen
			Lamp
	In-Monitor dis	olav.	RJ-45
	In-Monitor display General		
	Dimensions		552 x 379 x 92.5mm
	Weight		8 Kg
	Power		Internal PSU 110-240 VAC
	Power consun	nption	65 W
	Model # Accesories Activations		LM7024A11
			LM7024X80: Rack mounting kit MS2300X50: articulated desktop adaptor MS2304X50: fixed desktop adaptor
			LM7000X07: composite video inputs
			LM7009X08: HD/3G option

# multiviewers, PCs and analogue component vi-The SD-SDI input is active by default, and the rest of video inputs (composite and HD/3G-SDI), are optional and lisence activated.