

# LM7018 18.5" SD/HD/3G Monitor

LM7000 SERIES  
SD/HD/3G Monitors



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.

18.5" and LED backlight  
in only **6RU** high!

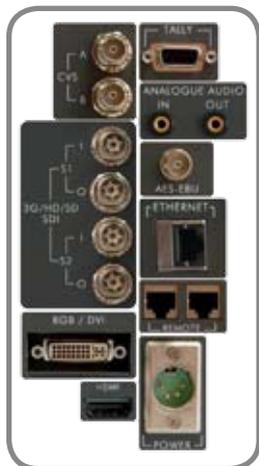
## MAIN FEATURES

- 1366x768 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
- Stereo built-in speakers
- PiP and PbP
- Colorimetry settings
- Remote control

## FRONT AND REAR VIEWS



## REAR INPUTS



## ACCESORIES



## SPECIFICATIONS

LCD Panel		
Size		18.5"
Resolution		1366x768 (16:9 native)
Active Area		409.8x230.4mm
Viewing Angle		178° H/V
MTTF		50,000 Hours
Brightness		250 cd/m <sup>2</sup>
Contrast		1000:1
Response Time		6 ms
Inputs		
DVI	Connector	DVI-I
	YPbPr	1080i (60/59/95, 50), 576i/50i, 480i/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
Composite	Connector	2xBNC or 1xBNC (selectable by menu)
	SMPTTE 170M	PAL/NTSC/SECAM
SD/HD-SDI/3G		2xBNC
	Connector	576i/50, 480i/60
	SMPTTE-259M	720p(60/59.94/50)
	SMPTTE-296M	1080p(30/29.97/25/24/23.98), 1080sF(24/23.98), 1080i(60/59.94/50)
	SMPTTE-274M	1035i(60/59.94)
	SMPTTE-260M	1080p(60/50)
	SMPTTE-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) VU-meters
Tally		On-screen Lamp
In-Monitor display		RJ-45 connector
General		
Dimensions		446 x 264 x 106 mm
Weight		5.5 Kg
Power		External PSU 100-240 VAC
Power consumption		40W
Model #		LM7018A11
Accessories		LM7018X80: rack mounting kit MS2300X50: articulated desktop adaptor MS2304X50: fixed desktop adaptor
Activations		LM7000X07: composite video inputs LM7009X08: HD/3G option