

TFT LCD MONITORS

TLM-170/ 70D/ 700/ 702/ 433/ 404



As a leading manufacturer Datavideo work closely with LCD panel manufacturers to ensure only the highest quality displays are used, and offer a guarantee against spotlight defects. The high quality professional TLM monitor series automatically switches between PAL / NTSC, and for flexibility can be powered via 12 V DC or AC power. The Datavideo TLM monitor series is designed for video

professionals that insist on superior performance. After all, every professional knows that you are only as good as the tools you use.

Whether it's in combination with switchers, 19" rack monitoring, in field operation, video editing, or the most advanced multimedia video you're creating, the Datavideo TLM monitor range offers the right tools for your job.

7" 16:9/4:3 DV & ANALOGUE

TLM-70D

DV/ANALOGUE INPUT
16:9/4:3



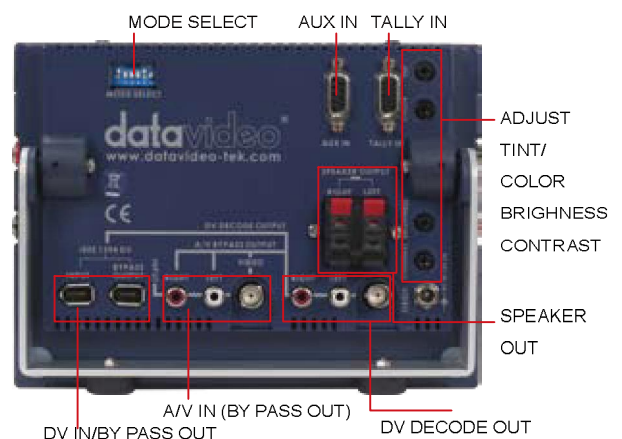
TLM-70D
Supplied with stylish
bespoke carrying
case.



FEATURES

- Ultra Bright 7" LCD panel Display Ideal for Outdoor Use
- LCD panel resolution of RGB 480X234 dots
- Viewing Angle (V) +50/-40, (H) +60/-60 degrees
- Free standing, Tripod or Wall Mountable
- DV and Composite Video Inputs
- PAL / NTSC Auto Detect
- DV (loop or converted from Composite) and Composite Video Output
- Built In DV to Analogue Converter
- Switchable Aspect Ratio 16:9 / 4:3 and flip (so unit can be mounted upside down)
- Removable Speakers

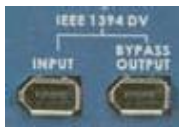
REAR VIEW



SPECIFICATION

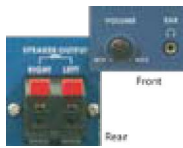
DV Input / Output

Two 6-pin DV Connectors.



Speakers / Headphones

Connect external speakers to the 1 watt amplifier. Connect stereo headphones through the mini jack.



Analogue Audio

Analogue audio out. The TLM-70D has a built in DV to Analogue converter so DV audio is also available on the audio output.



Tally Light

Dual colour tally light red/green. Connect via standard 15-pin connector



Image Control

Brightness, Colour, Contrast & Tint (Tint NTSC only) adjustment.



Locking Handle

Handle pivots and locks in position. Tripod, Wall or Ball head mount connection



Flip, Aspect & Source



Selector for aspect ratio (16:9 & 4:3), input source and Flip for mounting upside down

Removable Speakers



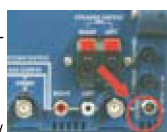
Removable Sun Shade

This light weight magnetic sun shade is supplied with the TLM-70D



DC 12V Input

Connect the TLM-70D to any 12V source, including battery source, or the supplied mains power supply



Composite Video In & Out

TLM-70D features Composite Video In & Out.



NTSC / PAL & IRE Selector

These dip switches let you watch video all over the world.



7" ANALOGUE 16:9/4:3

TLM-700

16:9/4:3



FEATURES

- 7" 16:9 Wide Screen Panel
- Resolution: RGB 480X234 dots
- View Angle (V)+50/-40°, (H)+30/-30°
- 2 x Video Input
- Brightness, Contrast, Colour, Tint Adjustable (Tint NTSC only)
- NTSC/PAL Auto Switching
- 16:9 / 4:3 switchable
- Carry Case Included

REAR VIEW



VIDEO IN-2 VIDEO IN-1

SPECIFICATION

Screw for Ball Head

Standard screw mount for fixture to a tripod or the supplied ball head



Input Source Selector

Two input source selector.



TLM-700 Carrying Case

TLM-700 is supplied with a stylish bespoke carrying case, easy to carry around with supplied accessories



Sun Shield

Supplied with very useful light weight sun shield



17" INCH LCD SCREEN MONITORS

HIGH DEFINITION

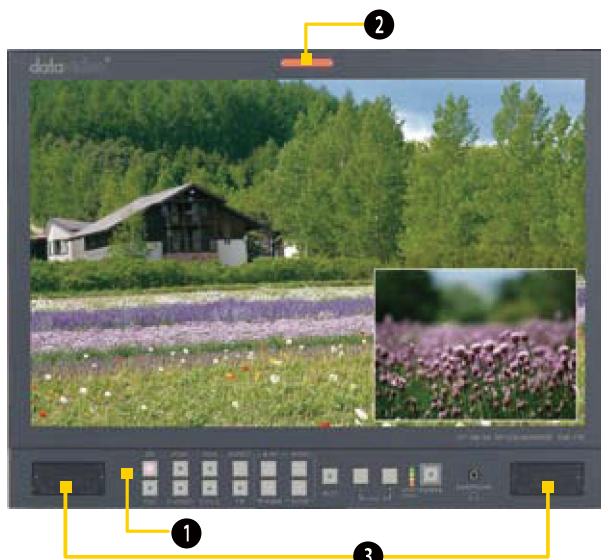
TLM-170

HD-SDI

■ TLM-170	Desktop
■ TLM-170M	1U rack-mounted pull-out shelf
■ TLM-170D	HD-SDI Desktop
■ TLM-170MD	HD-SDI 1U rack-mounted pull-out shelf

- 17" High Definition TFT LCD monitor
- Display mode adjustable 16:9 / 4:3 & 16:10.
- PAL & NTSC Auto Switching
- Viewing angle: (V) +70 / -70 degrees; (H) +60 / -60 degrees
- Screen resolution 1440 x 900 pixels
- LCD contrast ratio: 700:1
- Composite Video (CV), S-Video (Y/C), SD & HD-YUV and HD & SD-SDI video signal input with SDI loop through output. (Model depending)
- 3 RCA analogue audio input & stereo HDMI input
- Selectable overscan/underscan switchable safe area overlay
- Dual colour tally light input
- Brightness, Contrast, Colour & Tint adjustable (Tint NTSC only)
- Both VGA and HDMI input
- Includes Picture in Picture feature
- Available as a 1U rack-mounted pull-out shelf or Desktop version
- 12v DC operation (Supplied with mains DC adapter)

FRONT VIEW

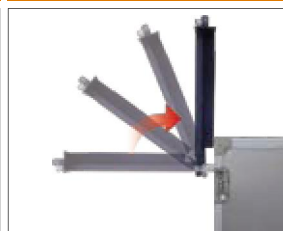


- 1 Input selector & Image adjustments**
Display mode adjustable include 4:3/16:9 - Auto switching NTSC/PAL and Contrast, Colour, Brightness & Tint (Tint NTSC Only)
- 2 Tally light indicator**
Dual colour tally light indicator ideal for instudio use or as part of Datavideo mobile video studios

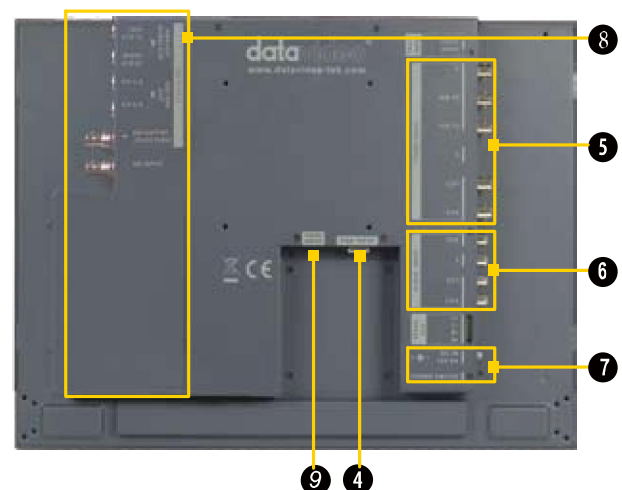
Desktop



1U rack-mounted pull-out shelf



REAR VIEW



- 3 Built-in stereo speakers (2W)**
- 4 Computer input**
15-pin D-Sub connector
- 5 Video input**
Two composite video BNC, one component (Y:U:V), one S-Video (Y/C) and one HDMI
- 6 Audio Input**
3 RCA analogue, stereo HDMI and AES/EBU
- 7 DC 12V Power Input**
Easy integration in Datavideo Mobile Video Studio, Supplied with mains DC adapter
- 8 HD-SDI input / output board (optional - model depending)**
- 9 HDMI input**

2 X 7" 16:9/4:3 MONITOR BANK

TLM-702

- 2 x 7" Panel,
19" 3U Rack Mountable
- Screen resolution RGB 480X234 dots
- View Angle (V)+40/-60°, (H)+60/-60°
- 2 x Composite inputs for each screen with loop through output
- Brightness, Contrast,
Colour, Tint Adjustable (Tint NTSC only)
- NTSC/PAL Auto Switching
- Display mode adjustable (16:9 & 4:3)
- 12v DC operation (supplied with mains DC converter)



FEATURES

Image Correction

Adjustable, Colour, Contrast, Brightness & Tint (Tint NTSC only)



19" - 3U Rack Mountable

Standard 19" 3U rack mountable makes the TLM-700 a great choice for use with Datavideos mobile video studios, or any installation job



Tally Indicator

3.5 mm Jack connector for tally make the TLM-702 ideal for in studio use or as part of Datavideo mobile studio solutions



Input selector

Input and aspect selector



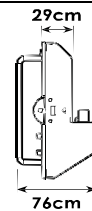
Calibration Screws

Fix the screens at a certain angle, perfect for fixed installations



Slim Design

Robust compact and slim design ensure integration into existing installations



Adjustable View Angle

Tilt 45 degree viewing angle



REAR VIEW



3 X 4.3" 16:9/4:3 TFT LCD MONITOR BANK

TLM-433



- 3 x 4.3" High quality TFT LCD Monitors
- 4:3 & 16:9 Display mode switching / PAL & NTSC auto switching
- Screen resolution RGB 480 x 234 pixel
- LCD Contrast ratio – 400:1 typical ■ Viewing angles – Top: 40° / Bottom, Left & Right: 60°
- 2 Colour LED Tally Light indicator on each monitor ■ Individual Adjustments for Contrast, Brightness and Colour Saturation
- Composite Video Connections with 75 ohm self terminating loop through ■ Aux Input Via Sub D 9-Pin
- 2U 19" Rack Mountable ■ 90 Degrees of Tilt ■ 12v DC operation (supplied with mains DC converter)
- Switchable safe area overlay

FEATURES

Adjustable View Angle

Tilt 45 degree viewing angle



Locking Pivot Point

Strong locking pivot point



Image Correction



Adjust-able, Colour, Contrast, Brightness

Power Switch

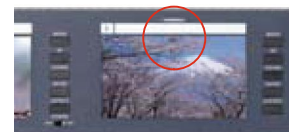


19"-2U Rack Mountable

Standard 19" 2U rack mountable makes the TLM-433 a great choice for use with Datavideos mobile video studios, or any installation job



Tally Indicator



Standard 15-pin connector for tally make the TLM-433 ideal for in studio use or as part of Datavideo mobile studio solutions

High Quality Resolution



Screen resolution RGB 480 x 234 pixel

REAR VIEW



VIDEO-C IN/OUT

VIDEO-B IN/OUT

VIDEO-A IN/OUT

TALLY IN

DC IN 12V 3A

4 X 4" TFT LCD MONITOR BANK

TLM-404



Screen Resolution

RGB 320 x 240 dots

Viewing angles;

Top: 10° / Bottom: 30° / Left & Right: 45°

Contrast ratio – 150:1

Can Be Tilted Up To 90 Degrees

PAL / NTSC Auto Detect

2U 19" Rack Mountable

Aux Input Via Sub D 9-Pin

Composite Video Connections with 75 ohm self terminating loop through

3 Colour LED Tally Lights indicator on each monitor.

Individual Adjustments for Contrast, Brightness and Colour Saturation.

12v DC operation (supplied with mains DC converter).

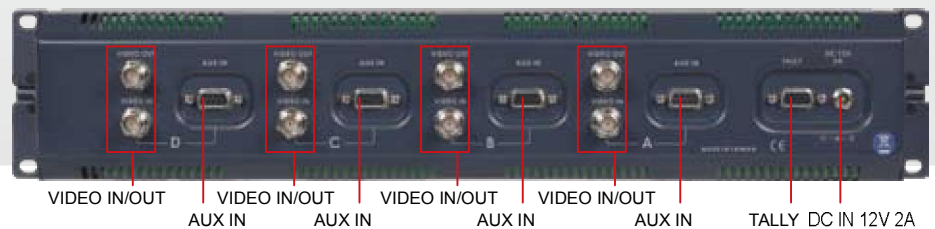
Power control switch

Image Correction

Each monitor has individual adjustments for contrast, brightness, color and tint (NTSC mode only). Includes 3-color LED tally lights.

Locking Pivot Point

REAR VIEW



SPECIFICATIONS

	TLM-70D	TLM-700	TLM-170	TLM-702	TLM-433	TLM-404
General						
System	Standalone Unit	Standalone Unit	Rack Mountable 1U	Rack Mountable 3U	Rack Mountable 19" 2U	Rack Mountable 19" 2U
Power Input	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V
Power Consumption	18W	6W	60W	12W	15W	15W
Display						
LCD Panels	7" TFT LCD	7" TFT LCD	17" TFT LCD	7" TFT LCD	4" x 3 TFT LCD	4" x 4 TFT LCD
LCD Resolution	480 x 234 dot	480 x 234 dot	1440 x 900 dot	480 x 234 dot	480 x 270 dot	320 x 240 dot
LCD Backlight	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL
LCD View Angle (Deg)	Top: 40 Bottom: 60 Left: 60 Right: 60	Top: 40 Bottom: 60 Left: 60 Right: 60	Top: 60 Bottom: 60 Left: 70 Right: 70	Top: 40 Bottom: 60 Left: 60 Right: 60	Top: 40 Bottom: 60 Left: 60 Right: 60	Top: 10 Bottom: 30 Left: 45 Right: 45
LCD Contrast Ratio	300	300	700	300	400	150
LCD Brightness	500cd/mm	500cd/mm	500cd/mm	500cd/mm	240cd/mm	250cd/mm
Brightness Adjustment	Yes	Yes	Yes	Yes	Yes	Yes
Contrast Adjustment	Yes	Yes	Yes	Yes	Yes	Yes
Colour Adjustment	Yes	Yes	Yes	Yes	Yes	Yes
Tint Adjustment (NTSC)	Yes	Yes	Yes	Yes	-	Yes
Video						
CV	1	2	2	4	3	4
YUV	0	0	1	0	0	0
S-Video	0	0	1	0	0	0
HD-SDI	0	0	1	0	0	0
HDMI	0	0	1	0	0	0
VGA	0	0	1	0	0	0
By pass CV Out	1	0	0	4	3	4
AUX RGB	1	0	0	0	0	4
DV/IEEE1394port	2 (6 Pin)	0	0	0	0	0
Audio						
Unbalanced Audio Input	Stereo	No	No	No	No	No
Unbalanced Audio Output	Stereo	No	No	No	No	No
DV Audio	Yes	No	No	No	No	No
Headphone	1	No	1	No	No	No
Volume Control	Yes	No	Yes	No	No	No
Speaker	2	No	2	No	No	No
Features						
Overscan/Underscan	No	No	Yes	No	Yes	No
NTSC/PAL	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Tally LED Indicator	3 Colour	No	3 Colour	2 Colour	2 Colour	3 Colour
Tally Input	15-Pin	No	3.5mm Jack	3.5mm Jack	15-Pin	15-Pin
Aspect	4:3 / 16:9 Selectable	4:3 / 16:9 Selectable	4:3/16:9/16:10 Selectable	4:3/ 16:9 Selectable	4:3 / 16:9 Selectable	4:3
Flip/Mirror effect	Yes	No	No	No	No	No
Accessories						
Sun Shield	Yes	Yes	No	No	No	No
Ball Head	P/N: BH-5	P/N: BH-5	P/N: TLM-170M	P/N: TLM702JF	P/N: TLM-433JF	P/N: TLM-404JF