

18.5", 23" Cost Effective Monitor

TSM-182W-A TSM-232W-A



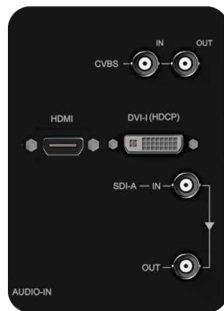
The TSM-182W-A & 232W-A are versatile and cost-effective monitors that support various video formats including 3G-SDI and professional features. Utilizing the state-of-the-art IPS LCD panel and combined with TVLogic's excellent video processing technology, they provide outstanding viewing angle with accurate colors and rich professional features.

FRONT



- Main (CVBS, DVI-I, HDMI & SDI)
- Scan
- Aspect
- Zoom
- Freeze
- Color Temperature
- PIP (Source select, PBP, PIP, Position, Swap)
- Information
- Menu / Exit
- Enter (Down/Up)
- Power On/Off

REAR



- Input
 - 1 x DVI-I
 - 1 x BNC (Analog)
 - 1 x BNC (SDI A/B Channel)
 - 1 x HDMI
- Output
 - 1 x BNC (Analog)
 - 1 x BNC (Active through)

FEATURES

- TSM-182W-A : 18.5" 1366x768 Resolution
- TSM-232W-A : 23" 1920x1080 Resolution
- 1:1 Pixel Mapping Modes for SD/HD/3G
- 3G-SDI Level A/B
- Key Lock
- User Aspect
- Various Scan Modes
- Zoom
- PIP/PBP Mode
- Swap in PIP/PBP Mode
- Freeze
- Color Temperature
- TVLogic Color Calibration Tool

TSM-182W-A Dimensions

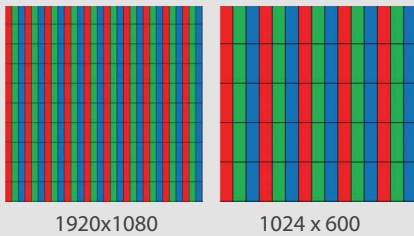
- Main Body : 442.5 x 309.2 x 65.4 (mm)
17.42 x 12.17 x 2.57 (inch)
- With stand : 482.5 x 330 x 137.6 (mm)
19.03 x 13.10 x 5.41 (inch)
- Weight : 5.12kg / 11.28lbs

TSM-232W-A Dimensions

- Main Body : 552.5 x 354 x 66.1 (mm)
21.75 x 13.93 x 2.6 (inch)
- With stand : 599.7 x 381.8 x 142 (mm)
23.61 x 15.03 x 5.59 (inch)
- Weight : 6.9kg / 15.21lbs

	TSM-182W-A	TSM-232W-A
Size	18.5"	23"
Resolution	1366 x 768 (16:9)	1920 x 1080 (16:9)
Pixel Pitch	0.300mm	0.2652mm
Color Depth	16.7M	16.7M
Viewing Angle (Typ.)	178°(H)/178°(V)	178°(H)/178°(V)
Luminance (Max.)	300cd/m ²	300cd/m ²
Contrast Ratio	1000 : 1	1000 : 1
Display Area	410(H) x 254.6(V)mm	509(H) x 286(V)mm

TSM-232W-A : True Resolution 1920x1080 Resolution



1:1 Pixel Mapping Mode

1:1 pixel mode displays the original image resolution without scaling to match a certain resolution or a specific aspect ratio.

Scan Mode

- Zero Scan >
- Over Scan >
- Pixel-to-Pixel >
- User Aspect



overscan



underscan

1:1 pixel

Zoom

Zoom is a function for magnifying the input signal. The selected area can be enlarged on a pixel basis from 0% to 90%

Wide Viewing Angle



178°

90°

178°

PBP (Picture by Picture)

The PBP function displays left/right images side by side simultaneously. This feature helps to monitor and control left and right images separately at the same time.

<PBP Function 1>



PIP (Picture in Picture)

The PIP function displays two signals pictures simultaneously on screen, the sub picture in the main picture.



* You cannot use HDMI and DVI-Digital together in PIP & PBP function at the same time.

Optional Accessories



	TSM-182W-A	TSM-232W-A
Input		
1 x BNC	Analog Input (Composite)	
2 x BNC	3G SDI A/B Channel Input	
1 x HDMI	HDMI Input	
1 x DVI - I	DVI Input	
Output		
1 x BNC	Analog Output (Composite)	
1 x BNC	Active through	
Input Signal		
Analog (Composite)	CVBS	
3G-SDI	2.97Gb/s	
HD-SDI	1.485Gb/s	
SD-SDI	270Mb/s	
DVI-Analog	640x480/720x400/800x600/1024x768/1280x1024/1366x768/1920x1080	
DVI-D (PC & HDMI)	640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768/1080p(23.98/24/25/30/50/60)/1080i(50/59.94/60)/720p(50/ 60)/480i(60)/480p(60)/576i(50)/576p(50)	
HDMI (PC & HDMI)	640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768/1080p(23.98/24/25/30/50/60)/1080i(50/59.94/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50)Modes	
Analog Input Spec		
CVBS	1.0Vp-p (With Sync) NTSC. PAL	
SDI Input Signal Formats		
SMPTE-425M-A/B	1080P(60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF) 1080i(60/59.94/50)	
SMPTE-274M	1080i(60/59.94/50)/1080p(30/29.97/25/24/24sF/23.98/23.98sF)	
SMPTE-296M	720P(60/59.94/50)	
SMPTE-260M	1035i(60/59.94)	
SMPTE-125M	480i(59.94)	
ITU-R BT.656	576i(50)	
Audio IN	Embedded Audio / Analog stereo (Phone Jack)	
Audio OUT	Analog stereo (Phone Jack) / Internal Speaker(Stereo)	
Power	DC 24V / DC 12V with V-Mount-182 / AC 100 ~240V (50~ 60 Hz)	DC 12V / 24V / AC 100~240V (50~60Hz)
Power Consumption (Approx.)	60Watts(MAX)	
Operating Temperature	0°C to 40°C (32°F to 104°F)	
Storage Temperature	-20°C to 60°C (-4°F to 140°F)	
Accessory	AC Power Cord / Stand	

* Specifications may be changed without notice.