

Ikegami



HLM



MONITORS WORKS



HTM

HLM Series (Full HD)



HLM-3250W 32-inch HDTV/SDTV Full HD Pixel Multi-format LCD Color Monitor

RoHS

High-End Broadcast LCD Monitor



(Optional CM-240 built-in)



The HLM-3250W employs a 32-inch Full 1920 X1080 Pixel 10-bit resolution LCD panel, and achieves thin size, light weight, and low power consumption. Supporting Multi-format SDI input, also DVI-D and VBS inputs as standard, and 3G-SDI input as an option.

By employing a Full 1920X1080 pixel 10-bit LCD panel which has wide viewing angle, high brightness, high contrast, quick motion response, and superb color reproduction, the HLM-3250W achieves real pixel allocation without resizing and superb gradation characteristics for a wide range of broadcast applications, including use in monitor walls.

32-inch Full HD	1920×1080 pixel	145W	Viewing Angle 178degree(H/V)	Contrast Ratio 1300:1			
VBS Input	Y, P _b , P _r /RGB Input	HD/SD(4:2:2)-SDI Input	3G-SDI Input	Embedded AES/EBU Output	Embedded Analog Audio Output	Embedded Audio Meter	
DVI-D Input	Analog PC Input	Analog Audio 2ch Input	ASP-100				
4:3/16:9	Remote (Parallel)	Remote (Serial)	Remote (Infrared rays)	Remote (RS485)	Marker	User Marker	
Shadow	Test Signal Generator	10-Color temperature-memory	Stereo Speaker	Stereo Headphone	VITC Display	WFM Monitoring Display	
Split Screen	Dot-by-Dot Display	Vector Scope Display	Mouse Menu Control	USB Memory Port			
*776×498×110mm (*30.6×19.6×4.3inches)		* 16.3kg (35.94lbs)	* Excluding Stand				

HLM-2450WB 24-inch HDTV/SDTV Full HD Pixel Multi-format LCD Color Monitor

RoHS

High-End Broadcast LCD Monitor



(Optional CM-240 built-in)

The HLM-2450WB employs a 24-inch wide LCD panel and achieves thin size, light weight, and low power consumption. Supporting Multi-format SDI input, also DVI-D and VBS inputs as standard and 3G-SDI input as an option. By employing a WUXGA(1920X1200) LCD panel which has wide viewing angle, high brightness, high contrast, quick motion response and superb color reproduction, the HLM-2450WB achieves real pixel allocation without resizing and superb gradation characteristics for various applications, including use in non-linear editing.

24-inch Full HD	WUXGA (1920×1200 pixel)	107W	Viewing Angle 178degree(H/V)	Contrast Ratio 1000:1			
VBS Input	Y, P _b , P _r /RGB Input	HD/SD(4:2:2)-SDI Input	3G-SDI Input	Embedded AES/EBU Output	Embedded Analog Audio Output	Embedded Audio Meter	
DVI-D Input	Analog PC Input	Analog Audio 2ch Input	ASP-100	5.1ch Sound Down-mix			
4:3/16:9	Remote (Parallel)	Remote (Serial)	Remote (Infrared rays)	Remote (RS485)	Marker	User Marker	
Shadow	Test Signal Generator	10-Color temperature-memory	Stereo Speaker	Stereo Headphone	VITC Display	WFM Monitoring Display	
Split Screen	Dot-by-Dot Display	Vector Scope Display	Mouse Menu Control	USB Memory Port			
*562×398×101.3mm (*22.1×15.7×4.0inches)		* 9.3kg (20.5lbs)	* Excluding Stand				

▲ Option

HLM Series (Full HD)

HLM-1750WR 17-inch HDTV/SDTV Full HD Pixel Multi-format LCD Color Monitor

RoHS

High-End Broadcast LCD Monitor



(Optional D3G-240A built-in and STD-175 mounted)



The HLM-1750WR employs a 17-inch full 1920X1080 pixel 10-bit resolution LCD panel, and achieves compact size, light weight, and low power consumption. Supports multi-format SDI inputs, also DVI-D and VBS inputs as standard, and 3G-SDI inputs as an option.

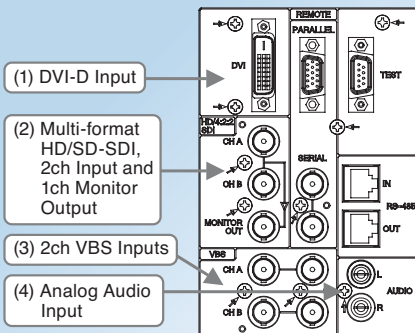
By employing a full 1920X1080 pixel 10-bit LCD panel which has wide viewing angle, high brightness, high contrast, quick motion response, and superb color reproduction, the HLM-1750WR achieves one-by-one pixel allocation without resizing and superb gradation characteristics for a wide range of broadcast applications.

17-inch Full HD	1920x1080 pixel	AC: 78W DC: 69W	Viewing Angle 170degree(H/V)	Contrast Ratio 1000:1	Double Speed
VBS Input	Y, P, B, RGB Input	HD/SD(4:2:2) -SDI Input	3G-SDI Input	Embedded AES/EBU Output	Embedded Analog Audio Output
DVI-D Input	Analog PC Input	Analog Audio 2ch Input	5.1ch Surround Down-mix	ASP-100	Embedded Audio Meter
4:3/16:9	Remote (Parallel)	Remote (Serial)	Remote (Infrared rays)	Remote (Mouse)	Remote (RS485)
User Marker	Shadow	Test Signal Generator	10-Color temperature-memory	Stereo Speaker	Stereo Headphone Jack
WFM Monitoring Display	Split Screen	Dot-by-Dot Display	Vector Scope Display	Mouse Menu Control	USB Memory Port
Marker	VITC Display				
*428x301x121mm (*16.9x12.0x4.8inches)		7RU	* 8.3kg (18.30 lbs)	* Excluding Stand	

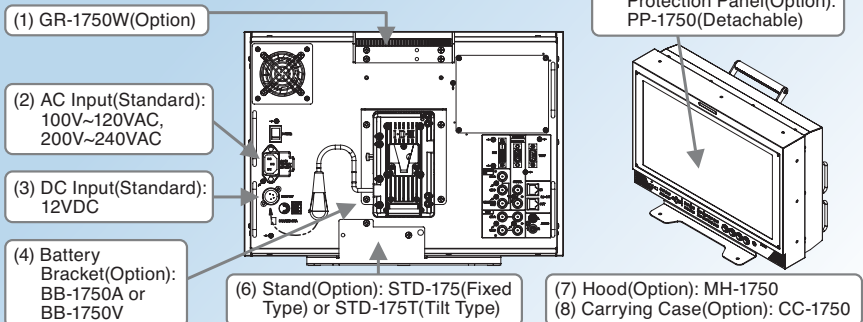
▲ Option

Evolutionary Features for the HLM-3250W, HLM-2450WB and HLM-1750WR Full-HD LCD Monitors

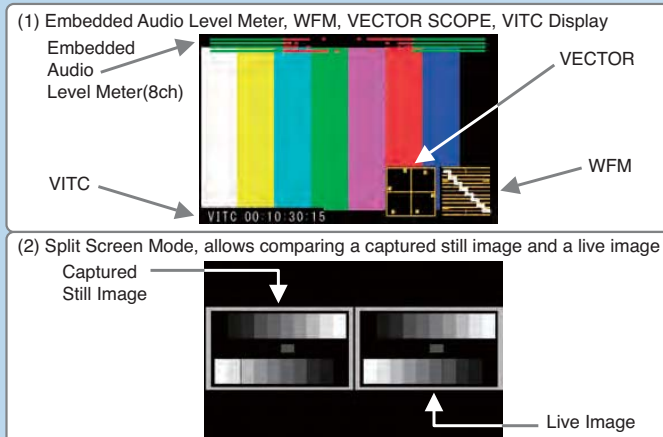
● Variety of Inputs and Outputs



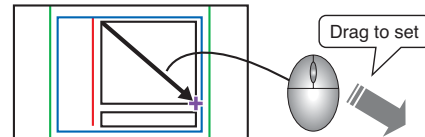
● HLM-1750WR Portable Application



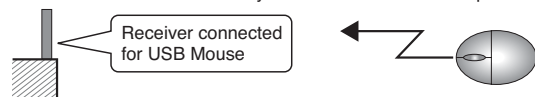
● Versatile Functions



(3) User Marker Display, up to 10 lines or Box Markers with up to 6 colors can be freely set to help plan the layout of information (Patent Pending)



(4) Monitor Menu can be controlled by USB Mouse from remote position



(5) Internal Test Signal Generator

(6) USB Memory Port

(7) Dot-by-Dot Display

(8) Marker Display, within 80% thru 99% by 1% steps

(9) Embedded Audio can be monitored by built-in Speaker or Headphone

(10) 5.1ch Down-Mix, 5.1ch Surround Audio can be down-mixed to 2ch output (HLM-1750WR only)

(11) Double Speed Drive Display Mode (HLM-1750WR only)



HLM-907WR 9-inch HDTV/SDTV Multi-format LCD Color Monitor

RoHS

High-End Broadcast LCD Monitor



The HLM-907WR employs a 9-inch LCD panel in WXGA(1280×768) resolution, with HDTV/SDTV multi-format SDI and VBS inputs as standard. It is a compact, light weight monitor which can be rack mounted in dual monitor configuration, ideal for use in a full range of applications. The HLM-907WR is low in power consumption, supporting either AC or DC powering. Battery operation is available using an optional battery bracket. The monitor has a USB connector on the operation panel, allowing setup file store & recall, as well as, remote operation from a mouse for menu navigation, including user maker operation, etc.

9-inch Wide	WXGA (1280×768 pixel)	AC: 18W DC: 16W	Viewing Angle 176degree(H/V)	Contrast Ratio 1000:1	AC Input	DC Input
Battery ▲						
VBS Input	HD/SD(4:2:2)-SDI Input	Embedded Analog Audio Output	Embedded Audio Meter	Analog Audio 2ch Input	5.1ch Surround Down-mix	ASP-100 ▲
4:3/16:9	Remote (Parallel)	Remote (Serial)	Remote (Mouse)	Remote (RS485) ▲	Marker	User Marker
Shadow	Test Signal Generator	10-Color temperature-memory	Speaker	Stereo Headphone Jack	VITC Display	WFM Monitoring Display
Split Screen	Dot-by-Dot Display	Vector Scope Display	Mouse Menu Control	USB Memory Port		
222×173×69.5mm (8.8×6.8×2.8 inches)	4RU	2.0kg (4.41lbs)	* Excluding Stand			

▲ Option



HLM-1704WR 17-inch HDTV/SDTV Multi-format LCD Color Monitor

RoHS

High-End Broadcast LCD Monitor



The HLM-1704WR employs a 17-inch LCD panel in WXGA (1280×768) resolution with wide critical viewing angle, excellent brightness and contrast, fast response time, and faithful color reproduction. It provides HDTV/SDTV multi-format SDI and VBS inputs as standard and achieves space saving size, light weight, and low power consumption. Supports AC or DC powering, battery operation is available using optional battery bracket.

17-inch Wide	WXGA (1280×768 pixel)	AC: 49W DC: 38W	Viewing Angle 170degree(H/V)	Contrast Ratio 800:1	AC Input	DC Input	Battery ▲
VBS Input	HD/SD(4:2:2) -SDI Input	Embedded Analog Audio Output	Embedded Audio Meter	DVI-D Input	Analog Audio 2ch Input	5.1ch Surround Down-mix	ASP-100 ▲
4:3/16:9	Remote (Parallel)	Remote (Serial)	Remote (Mouse)	Remote (RS485) ▲	Marker	User Marker	
Shadow	Test Signal Generator	10-Color temperature-memory	Speaker	Stereo Headphone Jack	VITC Display	WFM Monitoring Display	
Split Screen	Dot-by-Dot Display	Vector Scope Display	Mouse Menu Control	USB Memory Port			
W428×H305×D80mm (W16.9×H12.0×D3.2inches)		7RU	* 6.9kg (15.21lbs)		* Excluding Stand		

HLM-904WR 9-inch HDTV/SDTV Multi-format LCD Color Monitor

RoHS

High-End Broadcast LCD Monitor



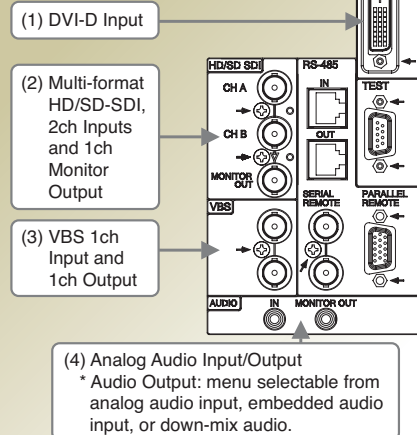
The HLM-904WR employs a 9-inch LCD panel in WVGA (800×480) resolution, with HDTV/SDTV multi-format SDI and VBS inputs as standard. It achieves compact size, and is mountable in dual monitor configuration, suitable for use in all kinds of locations such as monitor wall, OB truck, etc. Supports AC or DC powering, battery operation is available using optional battery bracket.



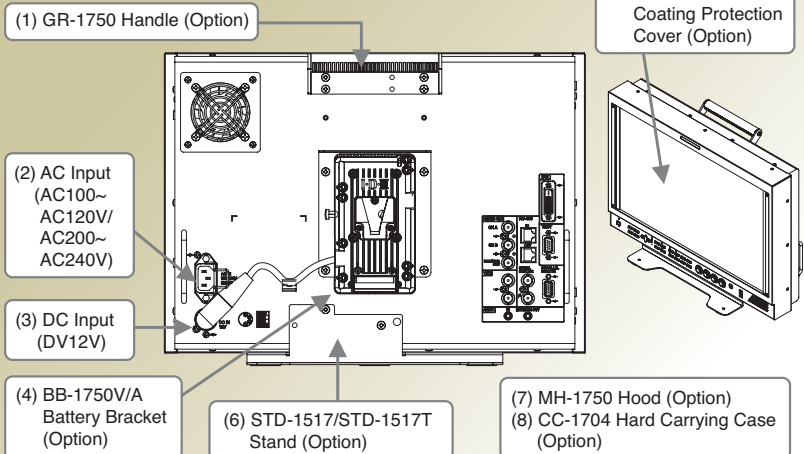
9-inch Wide	WVGA (800×480 pixel)	AC: 18W DC: 16W	Viewing Angle 170degree(H/V)	Contrast Ratio 800:1	AC Input	DC Input	
Battery ▲							
VBS Input	HD/SD(4:2:2) -SDI Input	Embedded Analog Audio Output	Embedded Audio Meter	Analog Audio 2ch Input	5.1ch Surround Down-mix	ASP-100 ▲	
4:3/16:9	Remote (Parallel)	Remote (Serial)	Remote (Mouse)	Remote (RS485) ▲	Marker	User Marker	
Shadow	Test Signal Generator	10-Color temperature-memory	Speaker	Stereo Headphone Jack	VITC Display	WFM Monitoring Display	
Split Screen	Dot-by-Dot Display	Vector Scope Display	Mouse Menu Control	USB Memory Port			
W222.4×H173×D69.5mm (W8.8×H6.8×D2.8inches)		4RU	* 2.0kg (4.41lbs)		* Excluding Stand		

Evolutionary Features for HLM-907WR and HLM-1704WR/HLM-904WR Monitors

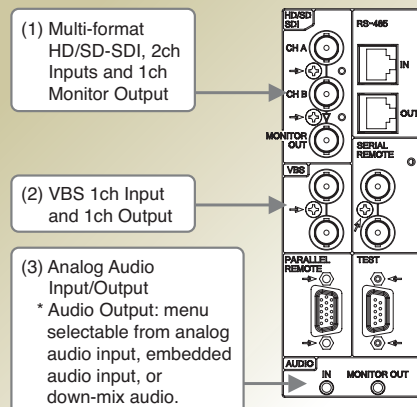
●Variety of Inputs and Outputs (for HLM-1704WR)



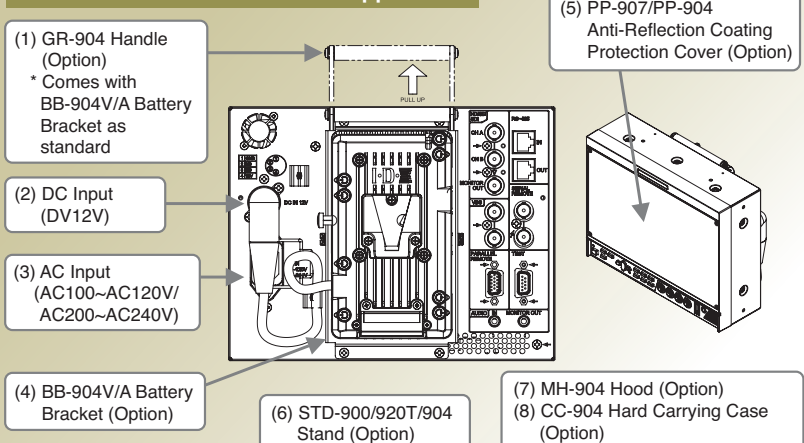
●HLM-1704WR Portable Application



●Variety of Inputs and Outputs (for HLM-907WR/904WR)



●HLM-907WR/904WR Portable Application

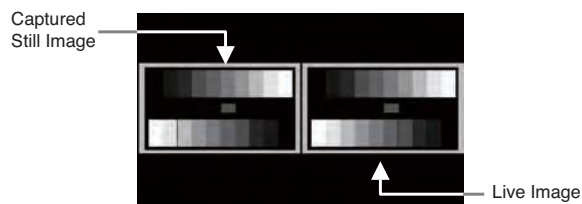


●Versatile Functions

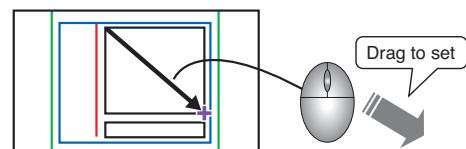
- (1) Embedded Audio Level Meter, WFM, VECTOR SCOPE, VITC Display



- (2) Split Screen Mode, allows comparing a captured still image and a live image



- (3) User Marker Display, up to 10 lines or Box Markers with up to 6 colors can be freely set to help plan the layout of information (Patent Pending)



- (4) Monitor Menu can be controlled by USB Mouse from remote position



- (5) Internal Test Signal Generator
- (6) USB Memory Port
- (7) Dot-by-Dot Display
- (8) Marker Display, within 80% thru 99% by 1% steps
- (9) Embedded Audio can be monitored by built-in Speaker or Headphone
- (10) 5.1ch Down-Mix, 5.1ch Surround Audio can be down-mixed to 2ch output

HLM Series Options

ASP-100 Auto Setup Probe



The ASP-100 is an auto setup probe that allows automatic white balance adjustment for a selected color temperature and measurements of color temperature and luminance on the HLM Series of LCD Monitors and the HTM-1990R CRT monitor.

[For HLM Series Monitors]

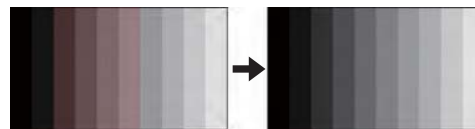


Simply connect the ASP cable to USB interface

● Features

(1) Automatic white balance adjustments by color temperature file

The probe automatically adjusts white balance at multiple luminance levels to one of 4 user selectable color temperature files (6500K, 9300K, and 2 user files).



(2) Measurement Mode

This Mode allows measurement of color temperature on the monitor, storing the measured data and making adjustments on multiple monitors for same color temperature.

(3) PC-free operation

Automatic adjustment software is programmed in a monitor. Simply connect the ASP cable to the monitor USB connector. No personal computer is required.

● Monitors / software versions supporting ASP-100 operation.

Monitor	Integrated software	
	MPU	FPGA
HLM-904WR	V1.20 ~	ALL
HLM-1704WR	V0.94 ~	ALL
HLM-1750WR	V1.02 ~	ALL
HLM-2450W	V2.02 ~	V20 ~
HLM-2450WA	V0.94 ~	ALL
HLM-2450WB	V0.76 ~	ALL
HLM-3250W	V2.02 ~	V20 ~
HTM-1990R (*)	V04.1 ~	ALL

The ASP-100 is supported by the software versions indicated above or later.
* HTM-1990R requires an optional ASP-CONV.

● Specifications

□ ASP-100

Auto setup : 6500K, 9300K, User files (2 files)

Measurement : Luminance and chromaticity (x, y)

Size : 71(W)×111(H)×35(D)mm

Weight : 100g

Interface : USB2.0

□ ASP-CONV

Size : 82(W)×64(H)×32.3(D)mm

Weight : 130g

Interface : USB2.0, RS-232C

HLM Series Options

Model	Description	HLM-3250W	HLM-2450WB	HLM-1750WR	HLM-907WR	HLM-1704WR	HLM-904WR	Remarks
Remote Controller								
RCT-30A	Infrared Remote Controller	●	●	●				
SRC-301Z	Serial Remote Controller	●	●	●	●	●	●	Controls up to 99 motions with loop through connection
Video/Audio Module								
CM-175	Analog Component Input Module		●	●				1ch Y, P _B , P _R or RGB Input, 1ch loop through EXT SYNC, cannot co-reside with PC-171* ¹
CM-240	Analog Component and PC Input Module	●						1ch Y, P _B , P _R /RGB, 1ch Analog PC Input, 1ch EXT Sync* ²
D3G-240A	3G-SDI Support Multi-format HD-SDI Input Module (incl. Analog Audio Output)	●	●	●				2ch Input and 1ch Loop-through, 2ch (ch: Menu Select) Embedded Analog Output (XLR 5pin) * ² * ³
D3G-240D	3G-SDI Support Multi-format HD-SDI Input Module (incl. AES/EBU Audio Output)	●	●	●				2ch Input and 1ch Loop-through, 8ch Embedded AES/EBU Output * ² * ³
EA-240A	Embedded Analog Audio Output Module	●	●	●				2ch (ch: Menu Select) Embedded Analog Output(XLR 5pin)* ²
EA-240D	Embedded AEX/EBU Audio Output Module	●	●	●				8ch Embedded AES/EBU Output * ²
Auto Setup Probe								
ASP-100	Auto Setup Probe Unit	●	●	●	●	●	●	* ³
Rackmount Adaptor								
DR-904	Dual Rack Mount Adaptor				●		●	4RU Height
BP-920	Blank Panel for DR-904/920				●		●	
RS-1710	19-inch Rack Mount Adaptor			●		●		Fixed type, 7RU height
RS-1710T	19-inch Rack Mount Adaptor with Tilt Mechanism			●		●		4-Step Angle, 7RU height
RS-2450T	Rackmount Adaptor		●					Fixed Tilt Angle Type
STAND								
STD-1517	Stand						●	
STD-1517T	Stand with Tilt Mechanism						●	Tilt:Up 15 degree/Down 15 degree
STD-1710T	Stand with Tilt Mechanism						●	Tilt (Axis:Center of Monitor):Up 90 degree/Down 10 degree* ⁴
STD-1722	VESA Arm Stand						●	
STD-175	Stand			●				
STD-175T	Stand with Tilt Mechanism			●				Tilt:Up 15 degree/Down 15 degree
STD-240T	Stand with Tilt Mechanism		●					Tilt (Axis:Center of Monitor):Up 45 degree/Down 8 degree * ⁴
STD-900	Stand				●		●	Tilt Angle:Up 14 degree, Standard for HLM-920WP/910P
STD-904	Stand				●		●	
STD-920T	Stand with Tilt Mechanism				●		●	Tilt Angle:Up 10 degree/Down 10 degree
Tripod Mount Plate								
AT-900	Tripod Mount Plate				●		●	1/4 & 3/8 inch hole plate
Handle								
GR-1750	Handle			●		●		
GR-904	Handle			●		●		
LCD Protection Cover								
PP-1704	Protection Cover for HLM-1704WR					●		Anti-Reflection Coating
PP-1750	Protection Cover for HLM-1750WR			●				Anti-Reflection Coating
PP-904	Protection Cover for HLM-904WR					●		Anti-Reflection Coating
PP-907	Protection Cover for HLM-907WR				●			Anti-Reflection Coating
Battery Bracket								
BB-1750A	Battery Bracket (Anton Bauer Type)			●		●		
BB-1750V	Battery Bracket (V-Mount Type)			●		●		
BB-904A	Battery Bracket (Anton Bauer Type)				●		●	
BB-904V	Battery Bracket (V-Mount Type)				●		●	
Hood								
MH-1750	Folding Hood			●		●		
MH-904	Folding Hood			●		●		
Carrying Case								
CC-1704	Hard Carrying Case					●		
CC-1750	Hard Carrying Case			●				
CC-904	Hard Carrying Case				●		●	
SO-016	Soft Carrying Case				●		●	

Note

*1: Factory Option

*2: Either one optional module can be installed. Up to 4ch SDI input is available if D3G-240A or D3G-240G is installed.

*3: Factory Option (Under development)

*4: Standard Tilt Stand has a tilt mechanism with axis at bottom of monitor (up 15 degree and down 8 degree).

Remote Controller



SRC-301Z
Serial Remote Controller



RCT-30A
Infrared Remote Controller

Auto Setup Probe



ASP-100
Auto Setup Probe Unit

Rackmount Adaptor



RS-1710T
HLM-1750WR/1704WR
19-inch Rack-mount Adaptor



DR-904
HLM-904WR/907WR
9-inch Rack-mount Adaptor



BP-920
HLM-904WR
Blank Panel for DR-904

Stand



STD-175
HLM-1750WR
Stand



STD-175T
HLM-1750WR
Tilt Stand



STD-1722
HLM-1704WR
VESA Arm Stand



STD-1517
HLM-1704WR
Stand



STD-1517T
HLM-1704WR
Tilt Stand



STD-900
HLM-904WR
Stand



STD-920T
HLM-904WR
Tilt Stand

Handle



GR-1750
HLM-1750WR/1704WR
Handle

Battery Bracket



BB-1750A
HLM-1750WR/1704WR
Battery Bracket
(Anton Bauer Type)



BB-1750V
HLM-1750WR/1704WR
Battery Bracket
(V-Mount Type)



BB-904A
HLM-904WR/907WR
Battery Bracket
(Anton Bauer Type)



BB-904V
HLM-904WR/907WR
Battery Bracket
(V-Mount Type)

Carrying Case/Hood



CC-1750
HLM-1750WR
Hard Carrying Case



SO-016
HLM-904WR/907WR
Soft Carrying Case



MH-1750
HLM-1750WR/1704WR
Collapsible Hood



MH-904
HLM-904WR/907WR
Collapsible Hood



PP-1750
HLM-1750WR
LCD Protection Cover



PP-904
HLM-904WR
LCD Protection Cover



PP-907
HLM-907WR
LCD Protection Cover

HLM Series Specifications

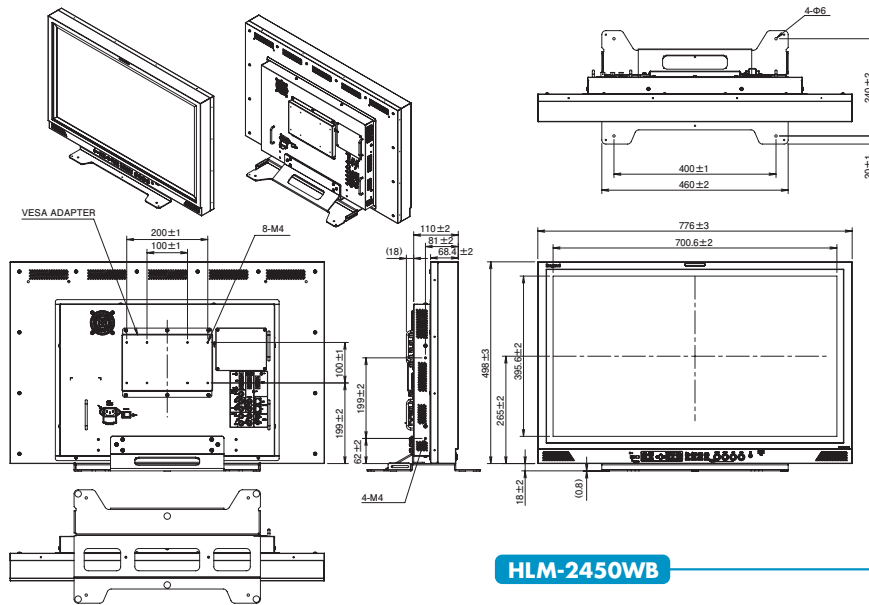
	Feature	Weight kg (lbs)	Dimensions mm (inch)	Power Consumption *3	Tally		DC Input	Input Signal								Resolution Number of Pixel (Max Brightness)	Rack-mountable Space	Display Size (Viewing Area)				
					G	R		Analog Audio	Embedded Audio	PC Picture Input	3G-SDI Input	HD/SD-SDI	DVI-D	Y/Pb/Pr/RGB	VBS							
	• 1080i/60, 59.94 • 1080i/50 • 1080p/60, 59.94 • 1080p/50 • 1080p/30, 29.97 • 1080p/25 • 1080psF/30 • 1080p/25 • 1080psF/25 • 1080p/24, 23.98 • 1080psF/24, 23.98 • 1035i/60, 59.94 • AC100~120V±10% • AC200~240V±10%	16.3kg (35.94 lbs)	W776 (30.6) × H498 (19.6) × D110 (4.3)	145 W	○	○	×	○	○	△	△	○	○	○	△	1	○	2	1920 × 1080	×	32" Full-HD	
	• 1080i/60, 59.94 • 1080i/50 • 1080p/60, 59.94 • 1080p/50 • 1080p/30, 29.97 • 1080p/25 • 1080psF/30 • 1080p/25 • 1080psF/25 • 1080p/24, 23.98 • 1080psF/24, 23.98 • 1035i/60, 59.94 • AC100~120V±10% • AC200~240V±10%	9.3kg (20.5 lbs)	W562 (22.1) × H398 (15.7) × D101.3 (4.0)	107 W	○	○	×	○	○	△	△	○	○	○	○	△	1	○	2	1920 × 1200	10RU	24" Full-HD
	• 1080i/60, 59.94 • 1080i/50 • 1080p/60, 59.94 • 1080p/50 • 1080p/30, 29.97 • 1080p/25 • 1080psF/30 • 1080p/25 • 1080psF/25 • 1080p/24, 23.98 • 1080psF/24, 23.98 • 1035i/60, 59.94 • AC100~120V±10% • AC200~240V±10%	8.3kg (18.30 lbs)	W428 (16.9) × H301 (11.9) × D121 (4.8)	AC 78W / DC 69W	○	○	○	○	○	△	△	○	○	○	○	△	1	○	2	1920 × 1080	7RU	17" Full-HD
	• 1080i/60, 59.94 • 1080i/50 • 1080p/30, 29.97 • 1080p/25 • 1080psF/25 • 1080p/24, 23.98 • 1080psF/24, 23.98 • 1035i/60, 59.94 • AC100~120V±10% • AC200~240V±10%	2.0kg (4.41 lbs)	W222 (8.8) × H173 (6.8) × D69.5 (2.8)	AC 18W / DC 16W	○	○	○	○	○	×	×	○	○ *1 2	○	○	×	×	○	1	×	4RU	9" Wide
	• 1080i/60, 59.94 • 1080i/50 • 1080p/30, 29.97 • 1080psF/30 • 1080p/25 • 1080psF/25 • 1080p/24, 23.98 • 1080psF/24, 23.98 • 1035i/60, 59.94 • AC100~120V±10% • AC200~240V±10%	6.9kg (15.21 lbs)	W428 (16.9) × H305 (12.0) × D80 (3.2)	AC 49W / DC 38W	○	○	○	○	○	×	×	○	○ *1 2	○	○	×	○	1	×	7RU	17" Wide	
	• 1080i/60, 59.94 • 1080i/50 • 1080p/30, 29.97 • 1080psF/30 • 1080p/25 • 1080psF/25 • 1080p/24, 23.98 • 1080psF/24, 23.98 • 1035i/60, 59.94 • AC100~120V±10% • AC200~240V±10%	2.0kg (4.41 lbs)	W222.4 (8.8) × H173 (6.8) × D69.5 (2.8)	AC 18W / DC 16W	○	○	○	○	○	×	×	○	○ *1 2	○	○	×	×	○	1	×	4RU	9" Wide

△ Option

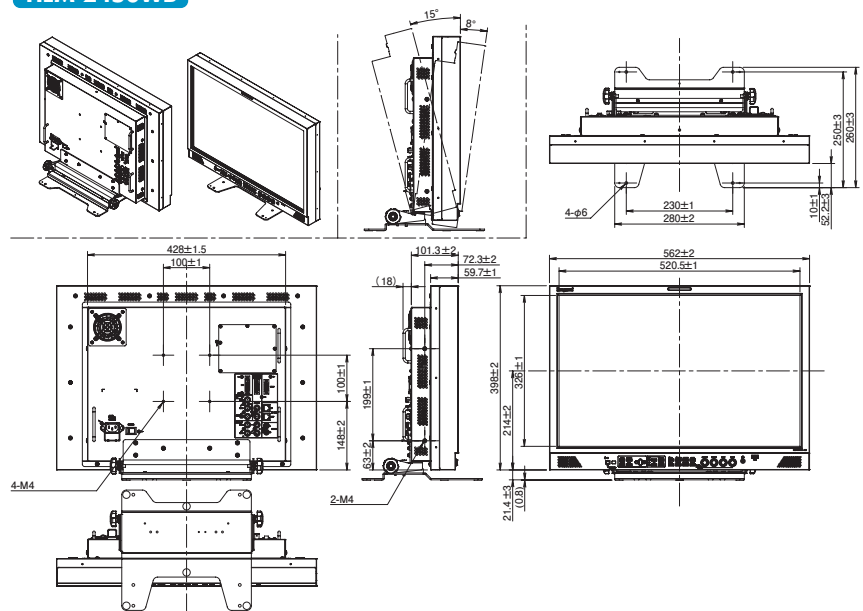
*1 Available with SDI Input only *2 Available with RGB/Y,P[®],P[®] Input only *3 Maximum Power Consumption at Standard Configuration *4 2ch Output from Stereo Mini Jack

HLM Series Dimensions

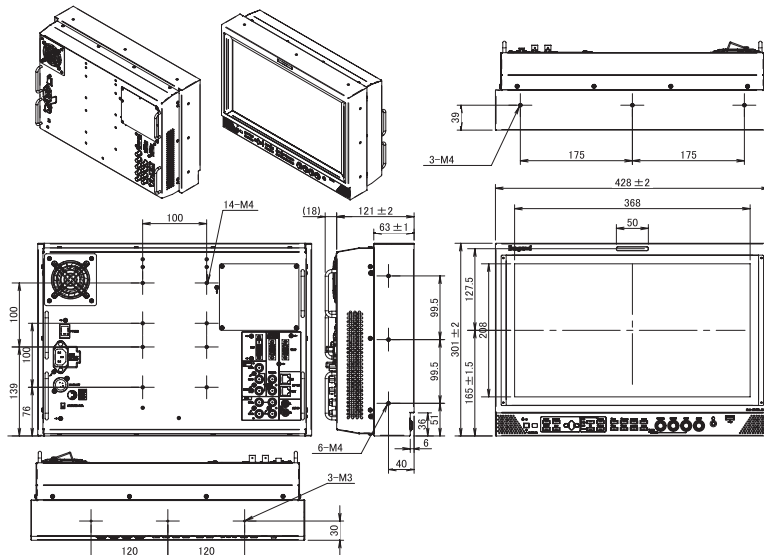
HLM-3250W



HLM-2450WB



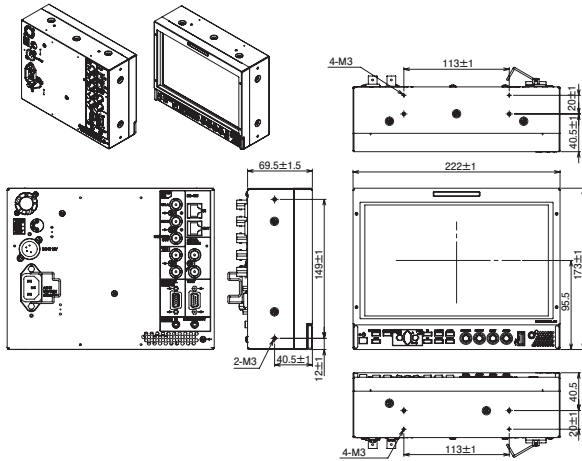
HLM-1750WR



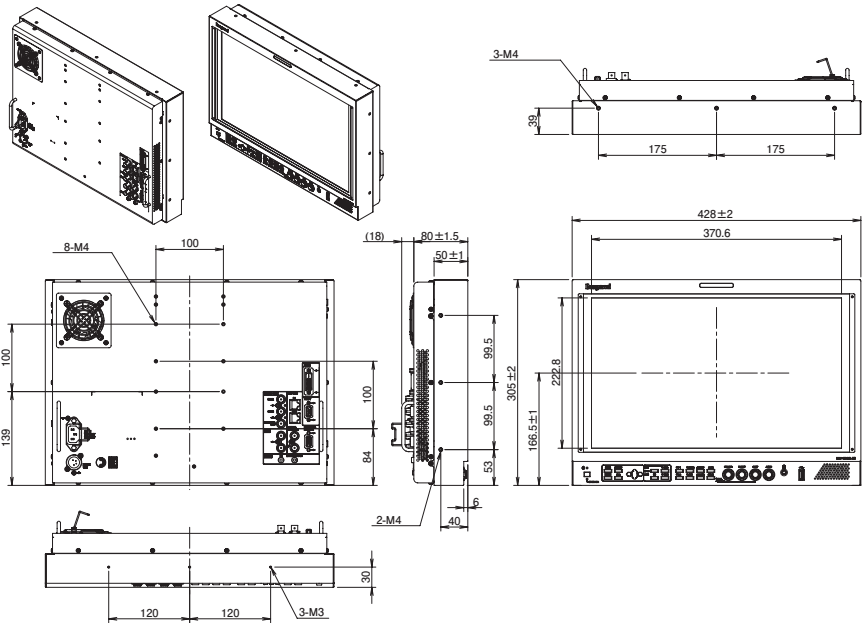
Unit:mm

HLM Series Dimensions

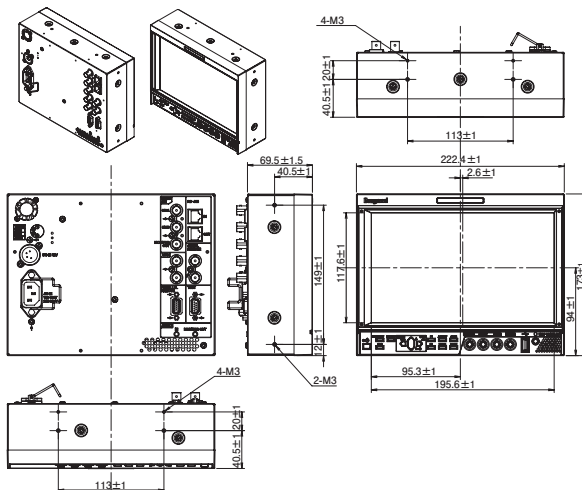
HLM-907WR



HLM-1704WR



HLM-904WR



Unit:mm

HTM-1990R 19-inch HDTV/SDTV Multi-format Color Monitor

RoHS

Master Monitor



A new flat surface high resolution CRT with 0.25mm dot trio pitch and newly developed video processing circuitry are employed to achieve master monitor picture quality. Optional multi-SDI Modules accept HD-SDI or SD-SDI by auto detection.



19-inch	Flat-face	950TVL					
VBS Input ▲	Y,P,B,Pr/RGB Input	HD/SD-SDI Input ▲	Embedded AES/EBU Output	Embedded Analog Audio Output ▲	Embedded Audio Indicator ▲	ASP-100 ▲	ASP-CONV ▲
4:3/16:9	HD4:3 zoom	Remote (Parallel)	Remote (Serial)	Remote (Infrared rays)	Auto Set-up	Marker	
Shadow	Test Signal Generator	4-Color-temperature-memory	Chroma Up +12 dB				
4-Plug-in	W450×H399×D515mm (W17.8×H15.8×D20.3inches)	9RU	37kg (81.57lbs)	16:9mask ▲			

▲ Option

Evolutional Feature for HTM-Series Multi-format Monitors

● Multi-Embedded SDI Input

(1) Multi SDI Input

HD/SD (4:2:2) SDI signals

From
SDI device

HD-SDI or 4:2:2 input

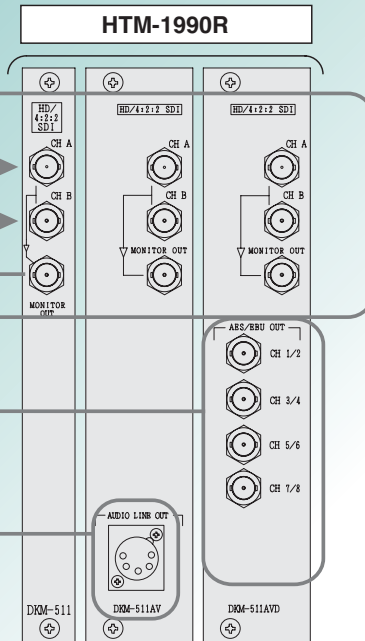
HD-SDI or 4:2:2 input

To waveform
monitor

HD-SDI or 4:2:2 output

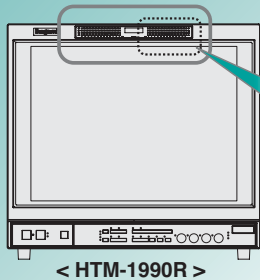
(2) Embedded AES/EBU 8-channel (CH1/2, 3/4, 5/6, 7/8) output

(3) Embedded Analog Audio 2-ch Output (CH1/2, 3/4, 5/6, 7/8): selectable by menu



● Multi-Embedded Audio Level Indicator

The audio level indicator can be mounted on the escutcheon this provides elimination of CRT burn-in and high visibility in a space saving design. Both video and audio levels can be monitored.

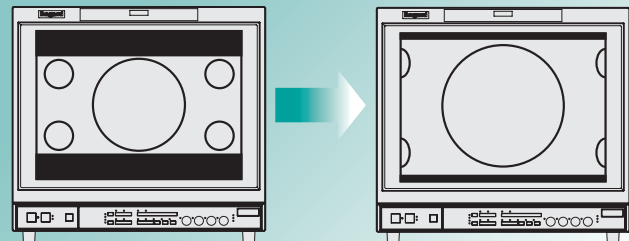


< HTM-1990R >

< 8ch type >

* AV or AVD module required.

● HDTV 4:3 Area Zoom Function



Enlarging a 16:9 image until it fills the height of the 4:3 screen increases resolution and image size.

[Model]	16:9	4:3
HTM-1990R:	19"	24"

Optional Accessories for HTM-series Monitors

HTM1990R

Model	Description	Remarks
DKM-511A	Multi-SDI 2 Input Module (HD-SDI/SD-SDI)	SDI: 2 Inputs/1 Output (High performance)
DKM-511A-AV	Multi-SDI 2 Input and Embedded Audio Output Module	SDI: 2 Inputs/1 Output, 2ch Embedded Analog Audio Outputs
DKM-511A-AVD	Multi-SDI 2 Input and Embedded AES/EBU Output Module	SDI: 2 Inputs/1 Output, 8ch Embedded AES/EBU Outputs
DKM-511B	Multi-SDI 2 Input Module (HD-SDI/SD-SDI)	SDI: 2 Inputs/1 Output (Standard performance)
DAM-518	8ch Embedded Audio Level Indicator	DKM-511A-AV/AVD is required
DK-801A	SD-SDI Input Module	SD SDI 4:2:2 digital component, 2 Inputs / 2 Outputs
DE-811	NTSC/PAL Decoder Module	(Sampling Rate:14.3MHz)
RCT-30A	Infrared Remote Controller	
SRC-301Z	Serial Remote Controller	Controls up to 99 monitors with loop through connection
MK-1905	16:9 Mask for 19-inch Monitor	Easy attachment/deattachment to bezel
A-TM20-16	Rack-mount hardware for 19-inch monitor	(Same as RS-2020)
A-TM15-50	Rack-mount hardware for 15-inch monitor	(Same as RS-1550)
TTM-20	Monitor slide rail for 19-inch/15-inch monitor	
ASP-100	Auto Setup Probe Unit *1	
ASP-CONV	Converter *1	

*1: Factory Option (Under development)

Optional Accessories for TM-series Monitors

TM15-70R

Model	Description	Remarks
DK-175	SD-SDI Input Module Kit for TM15-70R	
A-TM15-50	Rack-mount hardware for 15-inch monitor	(Same as RS-1550)
TTM-20	Monitor slide rail for 19-inch/15-inch monitor	
SRC-301Z	Serial Remote Controller	Controls up to 99 monitors with loop through connection

Video Monitors

TM15-70R 15-inch Color Monitor

Broadcast Monitor



Ikegami 70 Series are High performance, Low cost color SDTV Monitors, providing NTSC-PAL automatic selection. The Units are specifically designed for production or broadcast applications, and provide high-fidelity video reproduction with easy operation, utilizing In-Line Gun CRT technology, BFS circuits, and Comb filter (NTSC only). The 17 Series Color Monitors can accept 2 composite video, Y/C, and RGB or Component inputs in both NTSC and PAL formats. Furthermore, Digital Inputs (D1 format) are available with optional modules and also it employs the In-line gun, Dot-shadow mask, high resolution CRT.

15-inch 650TVL

VBS Input

Y/C Input

Y, Pb, Pr / RGB Input

SD-SDI Input

4:3/16:9

Remote (Parallel)

W450 x H310 x D515mm
(W17.8 x H12.2 x D20.3 inches)

7RU

24kg
(52.9lbs)



HPM-9050 9-inch HDTV Monochrome Monitor



Ikegami's HPM-9050 9-inch High Definition Monochrome Monitor with a High Resolution CRT delivers over 800 lines of horizontal resolution. Switching power supply circuitry provides a wider range of supply voltages, while its back porch clamp assures consistent stability for the video black level. The HPM-9050 can be combined with a WFM monitor and/or vectorscope, and also mounted in a 19-inch rack with a two-monitor configuration. The HPM-9050 is ideally suited for use in applications such as signal monitoring and adjustment for video equipment installed in broadcasting facilities.

9-inch 800TVL

Analog Y

4:3/16:9

Remote (Parallel)

4:3 Scan

W220 x H215 x D255mm
(W8.7 x H8.5 x D10.1 inches)

5RU

7.5kg
(16.53lbs)



▲ Option

CRT Monitors Specifications

		CRT Size (Viewing Area)	Rack-mountable Space	Resolution	Dot Pitch	Input Signal					DC Input	Tally		Power Consumption	Dimensions mm (inch)	Weight kg (lbs)		
						VBS	Y, Pb, Pr/RGB	Y/C	Multi-SDI	SD-SDI		Embedded Audio	Analog Audio				R	G
HTM-1990R		19"	9 RU	950TVL	0.25mm	△ 3	○ 1	×	△ 2	△ 2	△ 2	×	×	○	○	240 W	W450 (17.8) × H399 (15.8) × D515 (20.3)	37kg (81.57 lbs)
TM15-70R		15"	6 RU	650TVL	0.28mm	○ 2	○ 1	○ 1	×	△ 2	×	×	×	○	×	60W	W450 (17.8) × H265 (10.5) × D515 (20.3)	19kg (41.89 lbs)
HPM-9050		9"	5 RU	800TVL		×	○ 1 *1	×	×	×	×	×	×	○	×	60W	W220 (8.7) × H215 (8.5) × D255 (10.1)	7.5kg (16.53 lbs)

*1: Y only △ Option

MONITORS

Design and specifications are subject to change without notice.

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