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$_B$,P$_R$/RGB Input	HD/SD-SDI Input ▲	Embedded AES/EBU Output ▲	Embedded Analog Audio Output ▲	Embedded Audio Indicator ▲

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	^{W}450×^{H}399×^{D}515mm (^{W}17.8×^{H}15.8×^{D}20.3inches)	9RU	37kg (81.57lbs)	16:9mask ▲

HTM-1917R
19-inch HDTV/SDTV Multi-format Color Monitor

RoHS | High-End Broadcast Monitor

8ch Embedded Audio Level Indicator

A new flat surface and High Resolution CRT is employed to achieve superb picture. Optional multi SDI Modules have been developed for the HTM series Multi-Format monitors. These modules accept HD-SDI or SD-SDI by auto detection. Also equipped with Embedded Audio Outputs (Analog or AES/EBU) and Audio Level Indicators. (8ch)

19-inch	Flat-face	900TVL

VBS Input ▲	Y,P$_B$,P$_R$/RGB Input	HD/SD-SDI Input ▲	Embedded AES/EBU Output ▲	Embedded Analog Audio Output ▲	Embedded Audio Indicator ▲

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

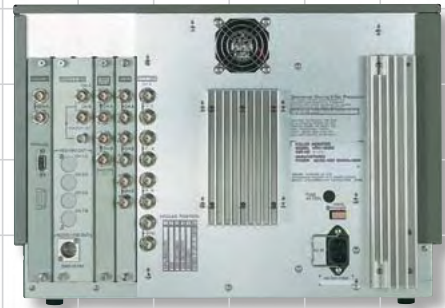| 4-Plug-in	^{W}450×^{H}399×^{D}515mm (^{W}17.8×^{H}15.8×^{D}20.3inches)	9RU	37kg (81.57lbs)	16:9mask ▲

▲ Option

HTM-1517R

15-inch HDTV/SDTV Multi-format Color Monitor

RoHS High-End Broadcast Monitor

Ikegami's high-end Color Monitor Series with cost effective offers a choice of 15-inch monitor to meet not only every HDTV format, but also SDTV standards. Designed for diverse broadcasting formats and system requirements, the Color Monitors offer compatibility with HDTV/SDTV analog component signals (Y, P_B, P_R / RGB) as standard. Serial digital input compatibility is optionally available.
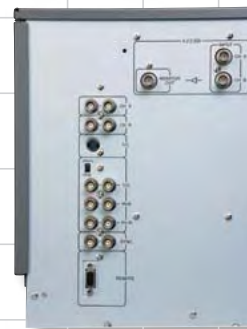
15-inch	750TVL				
VBS Input ▲	Y,P_B,P_R/ RGB Input	HD/SD-SDI Input ▲	Embedded Audio Indicator ▲	Embedded AES/EBU Output ▲	Embedded Analog Audio Output ▲
4:3/16:9	HD4:3 zoom	Remote (Parallel)	Remote (Serial)	Remote (Infrared rays)	Auto Set-up
Marker	Shadow	Test Signal Generator	4-Color-temperature-memory		
4-Plug-in	W450×H310×D515mm (W17.8×H12.2×D20.3inches)	7RU	28kg (61.73lbs)		

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,P_B,P_R/ RGB Input	SD-SDI Input ▲
4:3/16:9	Remote (Parallel)		
W450×H310×D515mm (W17.8×H12.2×D20.3inches)	7RU	24kg (52.9lbs)	

▲ Option

Video Monitors

HTM9-1D — 9-inch HDTV Professional Color Monitor

RoHS · Broadcast Monitor

The HTM9-1D is designed with professional feature to satisfy the demanding needs of broadcast and video industries, this HDTV monitor is small in size yet big on performance. And best of all, it's very affordable.

9-inch			
NTSC/PAL	HD/SD-SDI Input	Embedded AES/EBU Output	Embedded Audio Indicator
4:3/13:9/16:9	Zoom	Area Marker	Remote (Serial)
W222×H220×D360.2mm (W8.7×H8.6×D14.2inches)	5RU	7.8kg (17.2lbs)	

TM9-3/TM9-3D — 9-inch Color Monitor

RoHS · Broadcast Monitor

The TM9-3 Series monitor offers NTSC / PAL multi-format compatibility, selectable 4:3 / 16:9 aspect ratio, preset-table controls, two video and audio inputs, and operates from virtually any AC source from around the world. It is a rugged top performer that you can take anywhere with confidence. The TM9-3D model has a built-in Serial Digital Component input.

9-inch	300TVL	DC Input	Battery
VBS Input	Y/C Input	VBS Input	SD-SDI Input
[TM9-3]		[TM9-3D]	
4:3/16:9	Remote (Parallel)		
W222×H236×D317mm (W8.8×H9.3×D12.5inches)	5RU	7.4kg (16.03lbs) [TM9-3]	7.9kg (17.04lbs) [TM9-3D]

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.
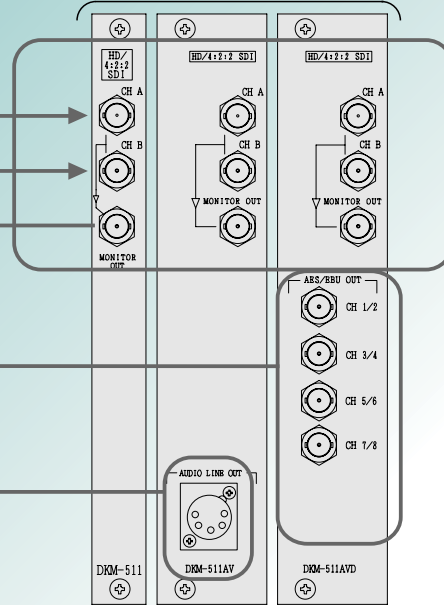
9-inch	800TVL	
Analog Y or RGB Input		
4:3/16:9	Remote (Parallel)	4:3 Scan
W220×H215×D255mm (W8.7×H8.5×D10.1inches)	5RU	7.5kg (16.53lbs)

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Evolutional Feature for HTM-Series Multi-format Monitors

● Multi-Embedded SDI Input

HTM-1517R/1917R/1990R
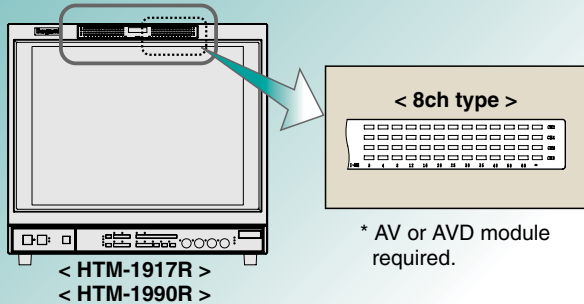
(1) Multi SDI Input
HD/SD (4:2:2) SDI signals

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

CH A · CH B · MONITOR OUT

AES/EBU OUT: CH 1/2, CH 3/4, CH 5/6, CH 7/8
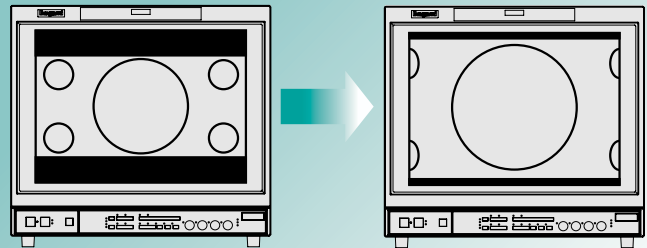
AUDIO LINE OUT

DKM-511 DKM-511AV DKM-511AVD

● 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-1917R >
< 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-1517R:	15"	19"
HTM-1917R/1990R:	19"	24"

Optional Accessories for HTM-series Monitors

HTM1990R/1917R/1517R

Model	Description	Remarks
DKM-511A	Multi-SDI 2 Input Module (HD-SDI/SD-SDI)	SDI: 2 Inputs/1 Outut (High performance)
DKM-511A-AV	Multi-SDI 2 Input and Embedded Audio Output Module	SDI: 2 Inputs/1 Outut, 2ch Embedded Analog Audio Outputs
DKM-511A-AVD	Multi-SDI 2 Input and Embedded AES/EBU Output Module	SDI: 2 Inputs/1 Outut, 8ch Embedded AES/EBU Outputs
DKM-511B	Multi-SDI 2 Input Module (HD-SDI/SD-SDI)	SDI: 2 Inputs/1 Outut (Standard performance)
DAM-518	8ch Embedded Audio Level Indicator	Requires DKM-511A-AV/AVD for use
DK-801A	SD-SDI Input Module	SD SDI 4:2:2 digital component, 2 Inputs / 2 Outputs
DE-801	NTSC 3-line Comb Decoder Module	VBS(NTSC): 3 Inputs / 3 Outputs (Sampling Rate:27MHz)
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	

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

Model	CRT Size (Viewing Area)	Rack-mountable Space	Resolution	Dot Pitch	VBS	Y, P$_B$, P$_R$/RGB	Y/C	Multi-SDI	SD-SDI	Embedded Audio	Analog Audio	DC Input	Tally R	Tally G	Power Consumption	Dimensions mm (inch)	Weight kg (lbs)
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)
HTM-1917R	19"	9 RU	900TVL	0.25mm	△3	○1	×	△2	△2	△2	×	×	○	○	240 W	W450 (17.8) × H399 (15.8) × D515 (20.3)	37kg (81.57 lbs)
HTM-1517R	15"	7 RU	750TVL	0.27mm	△3	○1	×	△2	△2	△2	×	×	○	○	240 W	W450 (17.8) × H310 (12.2) × D515 (20.3)	28kg (61.73 lbs)
HTM-9-1D	9"	5 RU	230TVL (HD) 300TVL (SD)	0.5mm	○2	×	×	○2	—	○2	×	×	○	○	45W	W222 (8.7) × H220 (8.6) × D360.2 (14.2)	7.8kg (17.2 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)
TM9-3/TM9-3D (TM9-3)	9"	5 RU	300TVL		○2	×	×	×	×	×	×	○	○	○	40W	W222 (8.8) × H236 (9.3) × D317 (12.5)	7.4kg (16.03 lbs)
TM9-3/TM9-3D (TM9-3D)					○2	×	×	×	○2	○2	×	×	○	○	40W		7.9kg (17.04 lbs)
HPM-9050	9"	5 RU	800TVL		×	○1	×	×	×	×	×	×	○	×	60W	W220 (8.7) × H215 (8.5) × D255 (10.1)	7.5kg (16.53 lbs)

△ Option