Hisense | COMMERCIAL DISPLAY

DIGITAL SIGNAGE DISPLAYS BM66AE SERIES

Perfectly designed for public places

Hisense

BM66AE SERIES

FOR ROUND-THE-CLOCK LOCATIONS

Hisense's BM66AE Digital Signage Displays (43 - 86") are perfectly fit for public transport and retail locations. Their slim body design will make them blend into their surrounding and make your on-screen messaging stand out. Their vivid and vibrant colors immerse viewers and will effectively provide them with the information they are looking for.

All this with the flexibility and reliability that are required for round-the-clock broadcasting locations due to light sensors, intelligent temperature control and dual-core SOC technology for PC-less offline or cloud based content management. You can rest assure your content will be delivered 24/7 in an elegant, vibrant and reliable way.

BM66AE SERIES 43"/86"

ELEGANT, VIBRANT AND RELIABLE

KEY FEATURES

Landscape & portrait
Both landscape and portrait orientations are possible, providing you with endless creative and functional possibilities to fulfill your informative or commercial goals.

4K Ultra HD
The 4K Ultra HD picture quality ensures perfect colour and rich details in all possible broadcasting surroundings, ranging from shopping malls, to airports and public transport stations.

178° Wide viewing angle
The extra wide 178° viewing angle is a perfect fit for large groups of people that will view BM66AE displays from diverse angles while passing by.

Auto brightness
Thanks to our advanced auto brightness sensor the BM66AE displays will intelligently adjust their brightness to their surroundings. Making sure energy usage is optimized at all times.

Slim design
With 12mm bezels the BM66AE displays are the slimmest and most elegant in our range. Making sure your broadcasting content is always the focus of attention.

500 nits
With 500 nits maximum brightness the display panels can deliver amazingly vivid imagery anywhere during daytime and nighttime conditions.

Dust & humidity protection
The main board and power board of each Hisense BM66AE display is coated so it will effectively resist the erosion by dust and water vapor in public space conditions.

Temperature protection
The BM66AE displays are resistant to high temperatures and have an automatic temperature control mechanism. They will automatically adjust their backlight brightness when their temperature reaches 75°C to cool the display. At 100°C they will automatically switch to standby mode.

Smart CMS
Hisense's CMS platform allows you to edit and arrange playlists, making content management easy and user-friendly. It supports all rich media content in synchronous playback over a multitude of commercial displays. Besides this status monitoring and real-time control will allow you to quickly and centrally respond to any emergency.

Fail over
Stable broadcast is ensured with fail over functionality. When the primary source of content goes down the system will automatically switch to predetermined alternative input. All input sources (HDMI,DVI,VGA,DP) also support auto detect functionality.

Detachable logo
For customization needs the Hisense logo has been made detachable. If for instance you want to arrange multiple BM66AE displays to form a video wall the logos can be freely removed.

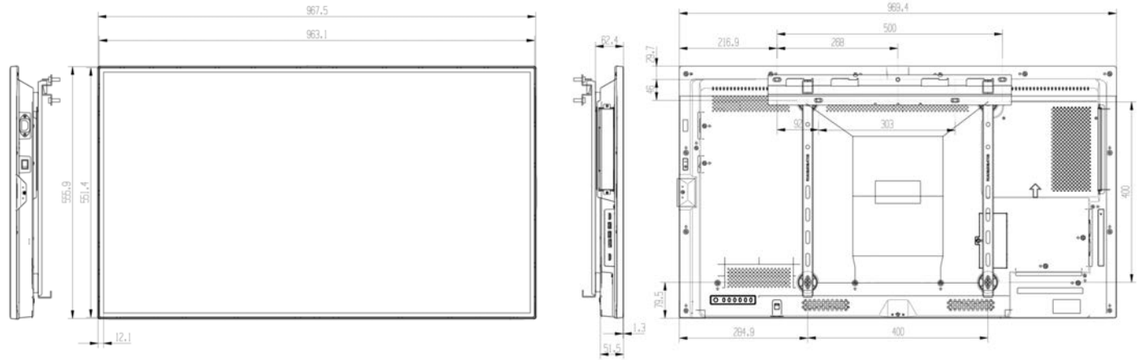
Round-the-clock operation
Designed with dual-core System on Chip (SoC) technology the Hisense BM66AE series can be used as reliable digital signage displays for both offline and cloud based content. You are completely free to choose your content management system to help display your advertising. And if necessary the internal memory will allow you to upload media into the display for instant broadcast without the need for external hard- or software.

SoC Specifications
CPU: Dual Core A73-1.2GHz
GPU: 5 Core mali-450
Memory Support: 2G + 16G
OS: Android 7.0 / 9.0
USB Support: USB2.0/USB3.0
UHD Support: Yes

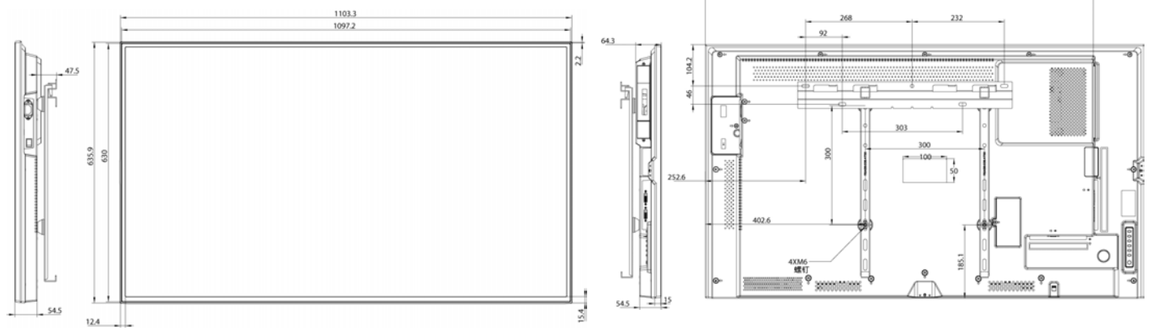
BM66AE SERIES 43"- 86"

DIMENSIONS IN MM

43" | 968 x 556 x 58.5 mm
13.3 kg



49" | 1105 x 639 x 64.3 mm
17 kg



FEATURES

- HDMI CEC support through HDMI
- Remote control IR loop (with RJ45)
- Firmware upgrade via USB/Network
- 24/7 Scheduler with Real Time Clock
- Over temperature protection
- Remote controller lock
- Key lock
- Built-in 8W x 2 speakers
- Fast standby
- World Clock setting
- Wake up on LAN
- Wireless Access Point for mobile devices

COMPONENTS

User manual

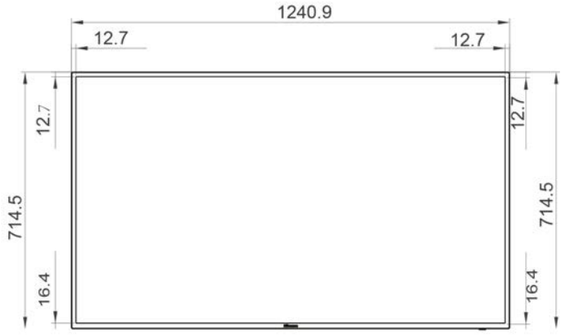
Remote controller

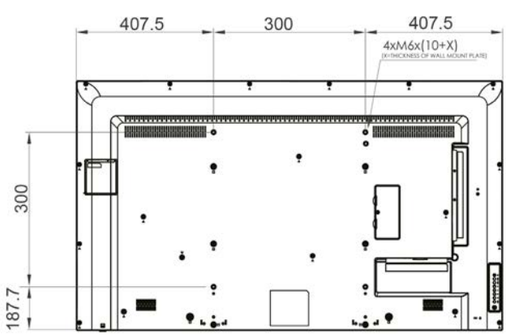
Logo accessory

Power cord

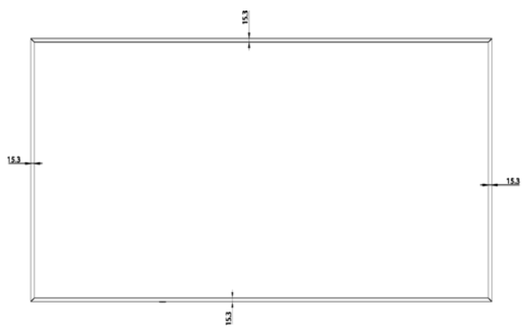
DIMENSIONS IN MM

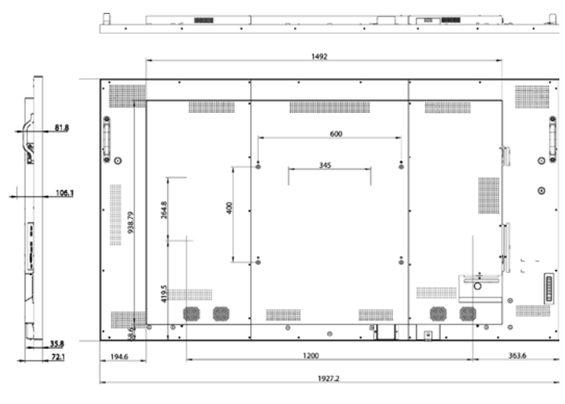
55" | 1241 x 714.5 x 66 mm
20.5 kg



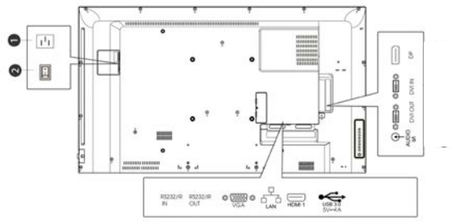


86" | 1927.2×1098×72.1mm
62 kg



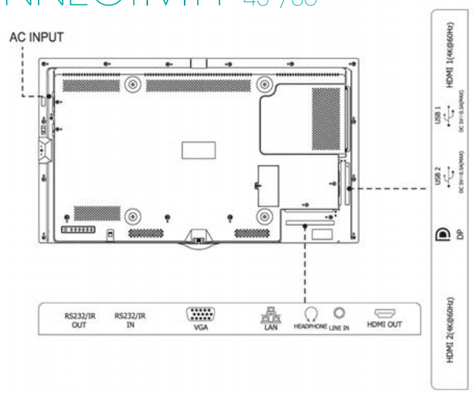


CONNECTIVITY 49"/55"



1. AC IN
2. Main Power Switch
3. RS232/IR In
4. RS232/IR Out
5. D-sub (VGA In)
6. Lan
7. HDMI In
8. USB Port
9. Audio In
10. DVI Out
11. DVI In
12. DP In

CONNECTIVITY 43"/86"



1 x LAN (RJ45)
1. 2 x USB
2. 2 x HDMI In
3. 1 x DP In
4. 1 x VGA Port
5. 1 x RS232/IR In
6. 1 x HDMI Out
7. 1 x RS232/IR Out

SPECIFICATIONS

Digital Signage Displays: M-series			
	Model	43BM66AE	49BM66AE
Panel	Backlight	ELED	ELED
	Size	43	49
	Resolution	3840*2160	3840*2160
	Refresh rate	60HZ	60HZ
	Color	1.07B	1.07B
	Brightness	500nits	500nits
	Contrast(typ)	1200:1 (typ)	1100:1 (typ)
	Response time(typ)	8ms	8ms
	Viewing angle(Min.)	178°/178°	178°/178°
	Color gamut	72%	72%
	Haze	1%	1%
	Orientation	Landscape & Potrait	Landscape & Potrait
	MTBF	30000hrs	50000hrs
	Operation Hours	7Day*24Hour	7Day*24Hour
System	OS	Android 9.0	Android 7.0
	CPU	ARM Cortex-A73 Dual core	ARM Cortex-A73 Dual core
	GPU	Mali 450	Mali 450
	DDR	2G	2G
	ROM	16G	16G
	Language	English/Chinese	English/Chinese
Connectivity	WIFI	Yes	Yes
	LAN	RJ45×1	RJ45×1
	SD /TF Card	/	/
	Input	HDMI*2/DVI*1/VGA*1	HDMI*1/DVI*1/VGA*1
		/DP*1/USB*2/RS232*1	/DP*1/USB*1/RS232*1
	Output	DVI*1/RS232*1	DVI*1/RS232*1
Speaker	Built in speaker	9W x2	8W*2
Control Method	Remote	Yes	Yes
	RS232	Yes	Yes
Environment	Temperaturer	Storage:-20°~60°	Storage:-20°~60°
		Operation:0°~40°	Operation:0°~40°
	Humidity	Storage:10%~90%	Storage:10%~90%
		Operation:10%~80%	Operation:10%~80%
Power	Input	AC 100~240V(50/60Hz)	AC 100~240V(50/60Hz)
	Power Consumption	120W(Max)	100W(Max)
	Standby Consumption	<0.5W	<0.5W
Physical	Bezel Color	Black	Black
	Set Dimension(WxHxD)	968×556×58.5mm	1105×639×64.3mm
	Bezel width (T/L/R/B)	12.1mm(T/B/L/R)	11.9mm(T),15.4mm(B),12.4mm(L/R)
	Net Weight	13.5kg	17kg
	Packing Dimension (WxHxD)	1074×663×160mm	1208×199×748mm
	Packed Weight	17kg	21kg
	VESA	400*300mm	300*300mm
Certification	Standard Certification	CB,CE,ERP,RCM,ICASA	CB,CE,ERP,RCM,ICASA
Media Player compability	OPS Type Compatible	Yes	Yes
Accessories	Basic	Power cord\ Remote Control\RS232 label\Battery\ LOGO\Spacer	Power cord\Remote Control\ Battery\LOGO

SPECIFICATIONS

Digital Signage Displays: M-series			
	Model	55BM66AE	86BM66AE
Panel	Backlight	ELED	ELED
	Size	55	86"
	Resolution	3840*2160	3840*2160
	Refresh rate	60HZ	120Hz
	Color	1.07B	1.07B
	Brightness	500nits	500nits
	Contrast(typ)	1100:1 (typ)	1100:1 (typ)
	Response time(typ)	8ms	8ms
	Viewing angle(Min.)	178°/178°	178°/178°
	Color gamut	72%	72%
	Haze	1%	28%
	Orientation	Landscape & Potrait	Landscape & Portrait
	MTBF	50000hrs	50000hrs
	Operation Hours	7Day*24Hour	7Day*24Hour
System	OS	Android 7.0	Android 9.0
	CPU	ARM Cortex-A73 Dual core	ARM Cortex-A73 Dual core
	GPU	Mali 450	Mali 450
	DDR	2G	2G
	ROM	16G	16G
	Language	English/Chinese	English/Chinese
Connectivity	WIFI	Yes	Yes
	LAN	RJ45×1	RJ45×1
	SD /TF Card	/	/
	Input	HDMI*1/DVI*1/VGA*1	HDMI*2/DVI*1/VGA*1
		/DP*1/USB*1/RS232*1	/DP*1/USB*1/RS232*1
	Output	DVI*1/RS232*1	DVI*1/RS232*1
Speaker	Built in speaker	8W*2	15W*2
Control Method	Remote	Yes	Yes
	RS232	Yes	Yes
Environment	Temperaturer	Storage:-20°~60°	Storage:-20°~60°
		Operation:0°~40°	Operation:0°~40°
	Humidity	Storage: 10%~90%	Storage:-10%~90%
		Operation:10°~80%	Operation:10°~80%
Power	Input	AC 100~240V(50/60Hz)	AC 100~240V(50/60Hz)
	Power Consumption	120W(Max)	300W(Max)
	Standby Consumption	<0.5W	<0.5W
Physical	Bezel Color	Black	Black
	Set Dimension(WxHxD)	1241×714.5×66mm	1927.2×1098×72.1mm
	Bezel width (T/L/R/B)	11.7mm(T),14.8mm(B),12.2mm(L/R)	15.3mm(T/B/L/R)
	Net Weight	20.5kg	62kg
	Packing Dimension (WxHxD)	1374×143×847mm	2127×1312×297mm
	Packed Weight	20.5kg	76.1kg
	VESA	300*300mm	600*400mm
Certification	Standard Certification	CB,CE,ERP,RCM,ICASA	CB,CE,ERP
Media Player compability	OPS Type Compatible	Yes	Yes
Accessories	Basic	Power cord\Remote Control\ Battery\LOGO	Power cord\Remote Control\ RS232 label\Battery

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