



INTERACTIVE DIGITAL BOARDS WR SERIES

The future of interactive knowledge sharing has arrived

WR SERIES FOR TRULY ENGAGING BUSINESS AND EDUCATION

The end of the traditional whiteboard era has arrived. No more dried out whiteboard pens, missing eraser pad or necessity to take notes. The revolutionary WR Interactive Digital Boards offer an all-in-one meeting solution. They combine the power of a digital display, tablet, electronic whiteboard and video conference device and more.

Hisense's WR Interactive Digital Boards (65"/75"/86") have been designed to facilitate inspirational knowledge sharing in both business and educational environments. They are touch enabled and multiple people can use them at once to present, illustrate and share ideas and information. Creating a collaborative, communicative and interactive atmosphere that will make user-groups thrive.

Thanks to lightning fast computing and accurate touch sensitivity they deliver best-in-class operational experiences. And their wireless connecting, information sharing and video conferencing capabilities will make each meeting a pleasure to host or participate in.

RESEARCH* SHOWS THAT WATCHING PEOPLE DRAW ILLUSTRATIONS OR WRITING OUT INFORMATION HELPS THEIR AUDIENCE TO UNDERSTAND, PARTICIPATE AND REMEMBER MORE THAN THEY WOULD WITH PRE-CREATED CONTENT.

* Fiorella & Mayer, "Effects of Observing the Instructor Draw Diagrams on Learning From Multimedia Messages" in Journal of Educational Psychology, 2015



SUPERIOR INTERACTIVITY & PERFORMANCE

Hisense



Smooth Touch

The built-in whiteboard app allows users to smoothly write, draw and erase information on-screen through touch, either by hand or with a stylus pen.



Accurate as analog

The IR software precisely recognizes touch points as little as 2 mm making it as accurate as the experience of writing with pen and paper.



Collaborative interaction

The touchscreen recognizes up to 20 touches at once which is ideal for simultaneous use by meeting participants.



Intuitive controls

With your fingers you will, among other things, be able to switch between tasks, annotate content from any source, make handwritten notes, zoom in / out and undo changes.



Powerful Architecture

Expect unstoppable performance by an octa-core processor and 3+32GB large memory.



Versatile Operating System

The WR series support OPS (Open Pluggable Standard) which will give you the ability to choose between Windows and Android as your operating system to fit specific needs for applications or integration with other digital devices.



Smooth and speedy processing

The open Android 8.0 platform not only guarantees smooth processing, but also supports the installation of Android-based application.

Writing facts*:

- Writing delay: < 40 ms
- Writing accuracy: 2mm
- Writing point: 20 simultaneous touchpoints
- Writing scope: unlimited roaming
- Writing stroke optimization

Comparison with entry-level products*:

- Boot speed is 24 seconds: 21.7% faster
- Whiteboard app start speed is 1.2 seconds: 29.3% faster
- Opens a 150MB document in 5 seconds: 15.0% faster
- Writing fluency is 32.0% higher

SMART TOOLS FOR EFFECTIVE COLLABORATION

Video Conferencing

Hisense's WR series has certified its compatibility with mainstream video conference software, such as Cisco Webex, Zoom and Microsoft Teams, to bring you an integrated remote video experience. No need to set up eliminating a waste of time to set up or change input on incoming calls, breaking the time and distance restrictions, opening an efficient meeting anytime and anywhere depends on what you want.

Drawing and content recognition

Hisense's WR series is equipped with intelligent drawing recognition technology, which recognizes squares, circles, triangles, arrows, line segments, etc. In addition, you can draw a table on the screen and the table will adapt its size along with the touch-written content.

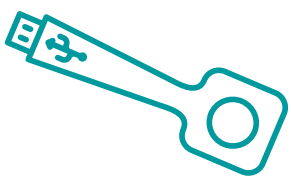
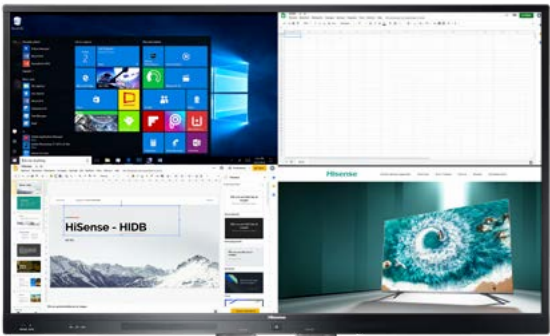
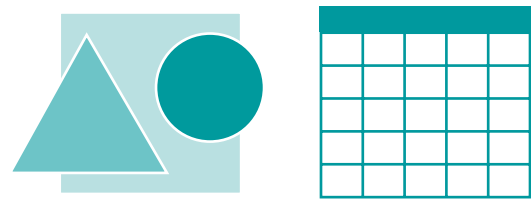
Split Screen

During a meeting two files can be shown, compared, switched, zoomed, turned or annotated at the same time. And besides supporting two-way mirroring and two-way touch Hisense's WR series also enable four-way Split Screen. Which will allow up to 4 devices to present simultaneously so everyone's ideas can be shared

Wireless Casting

Besides connecting your laptop through regular cabled methods, you can also connect with one touch using the included dongle. Plug it into your laptop and the content will instantly show on the board through fast and stable transmission (supports iOS / Android / Windows / Mac). Or choose for even less effort and connect your smartphone or tablet using the hotspot function of the Interactive Digital Board.

WR SERIES 65"/75"/86"



1080P Transmission
Transfer Delay 65ms
Transfer Distance up to 15m
30FPS Transmission
Supports 5GHz band

EASY ON THE EYES IMMERSIVE FOR THE EARS



Tempered Glass

Hisense's WR series have heat treated tempered glass preventing any damage to the touch panels.



Anti-Glare

Optical technology diffuses mirror-like reflections and bright lights to help keep what's on your screen clear and visible.



Immersive Sound

Thanks to embedded dual-channel Dolby sound the Hisense WR series will give their users and audiences a cinematic audio-visual experience.



Comfortable viewing

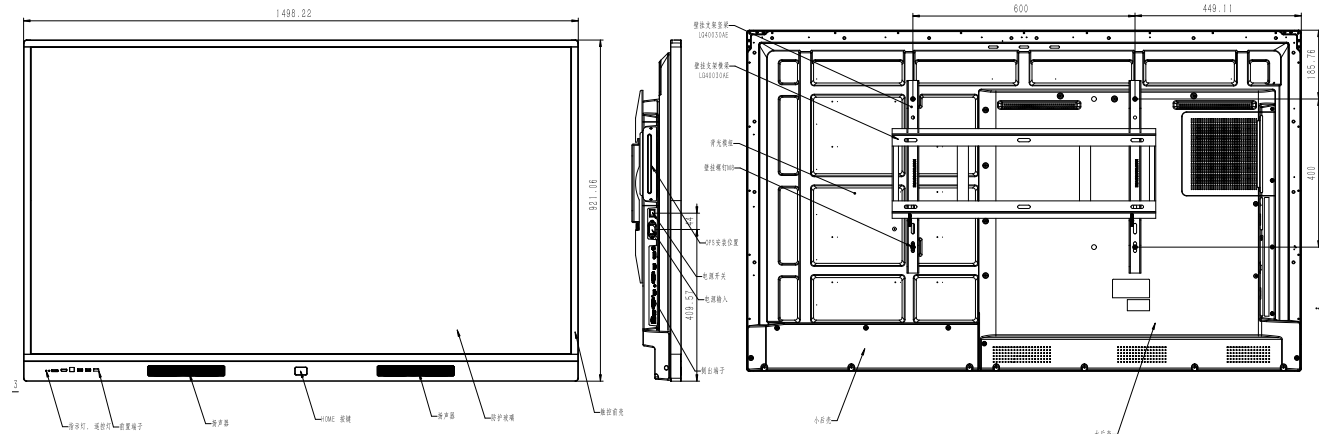
Each of our Interactive Digital Boards has a filter to effectively reduce blue light so your eyes remain comfortable even when using the screen for longer periods of time.

DIMENSIONS IN MM

65"

1500 x 922 x 105mm

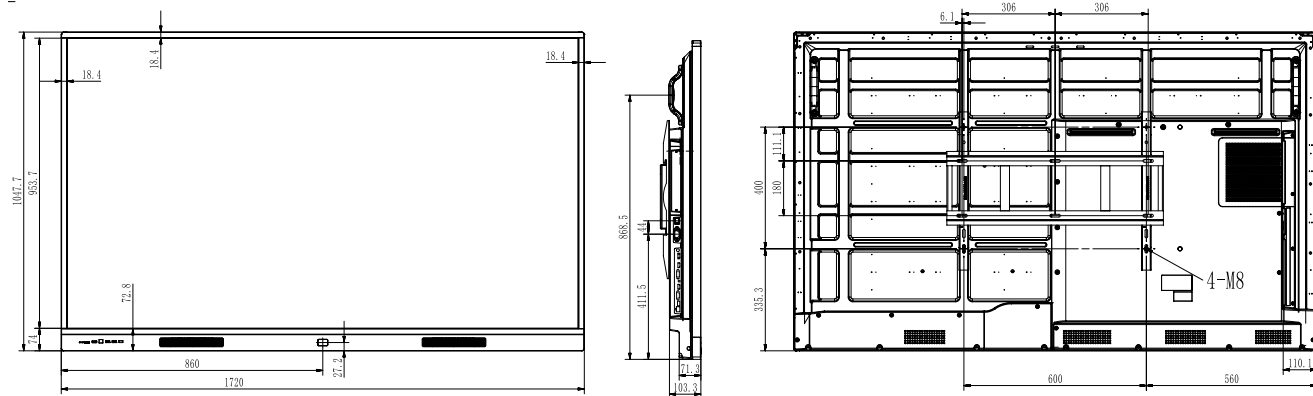
39.0 kg



75"

1720 x 1047 x 103mm

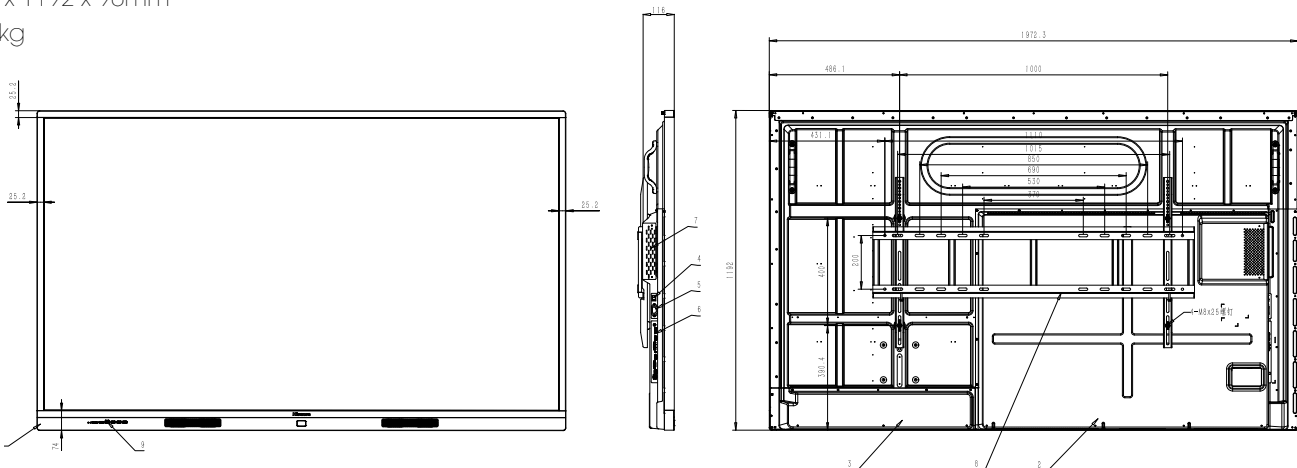
52.0 kg



86”

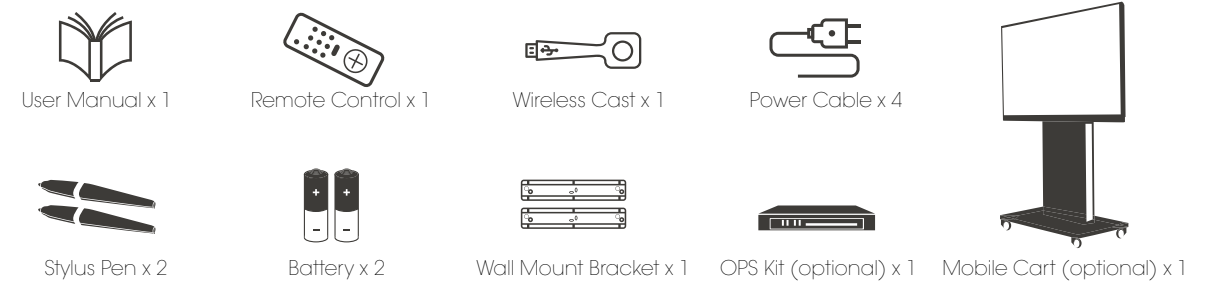
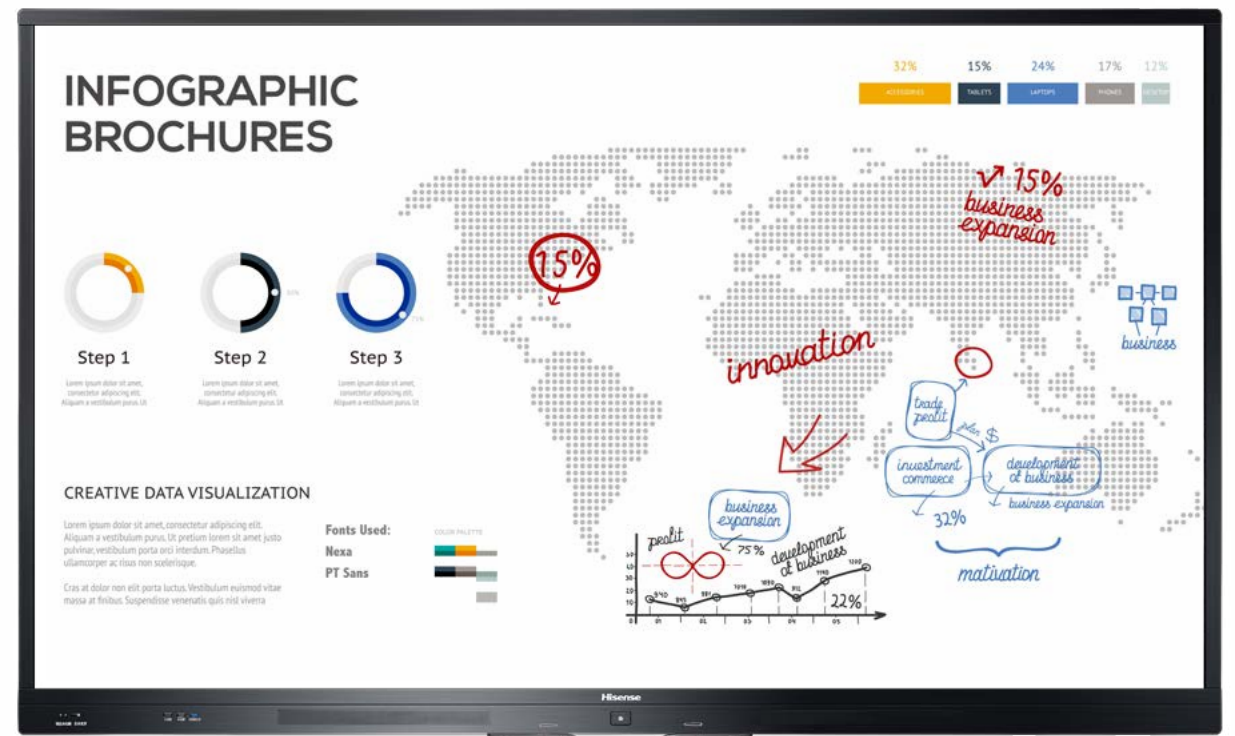
1972 x 1192 x 90mm

74.2 kg



WR SERIES 65"/75"/86"

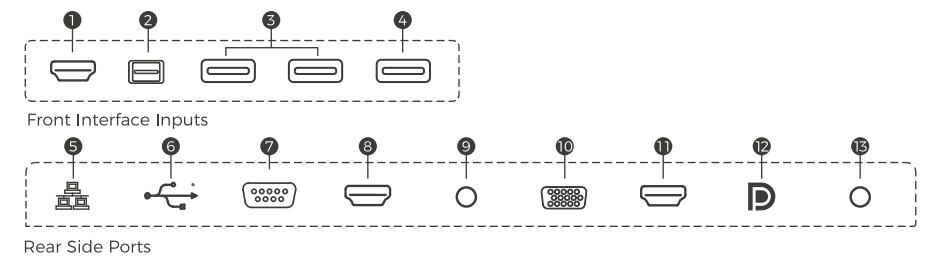
COMPONENTS



CONNECTIVITY^{65"/75"/86"}

HN75WR80U/86WR60AE/65WR60AE

1. HDMI In
2. Touch
3. USB
4. USB 3.0
5. Ethernet
6. USB
7. RS 232
8. HDMI Out
9. Audio In
10. VGA
11. HDMI In
12. DP
13. S/PDIF Out



HIDB					
	Model		65WR60AE	HN75WR80U	86WR60AE
Panel	LCD Size		65"	75"	86"
	Backlight Type		D-LED	D-LED	D-LED
	Resolution		3840x2160(pixels)	3840x2160(pixels)	3840x2160(pixels)
	Brightness		360cd/m²(typ.)	400cd/m²(typ.)	360cd/m²(typ.)
	Contrast Ratio		1200:1(typ.)	1200:1(typ.)	1200:1(typ.)
	Response Time		8ms (typ.)	8ms (typ.)	8ms (typ.)
	Refreshing Frequency		60Hz	60Hz	60Hz
	Viewing Angle		178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)
	Life Time		30,000 hrs (min.)	30,000 hrs (min.)	30,000 hrs (min.)
	Color Gamut(X% NTSC)		72%	72%	85%
	Display Colors		1.07B(10bit)	1.07B(10bit)	1.07B(10bit)
	System	Chipset		Hi3751V811	Hi3751V811
CPU		Architecture	ARM A73+A53	ARM A73+A53	ARM A73+A53
		Working Frequency	1.7GHz	1.7GHz	1.7GHz
		Core	8 Core	8 Core	8 Core
GPU		MaliG51	MaliG51	MaliG51	
RAM		3GB	3GB	3GB	
ROM		32GB	32GB	32GB	
OS		Android 8.0	Android 8.0	Android 8.0	
Connectivity	Input	HDMI IN	x2	x2	x2
		DP IN	x1	x1	x1
		VGA IN	x1	x1	x1
		AV IN	/	/	/
		YPBPR IN	/	/	/
		OPS(optional)	x1	x1	x1
		LAN	x1	x1	x1
		USB	x4	x4	x4
		Touch	x1	x1	x1
		PC-Audio IN	x1	x1	x1
		RS232 IN	x1	x1	x1
	Output	RS232 OUT	/	/	/
		HDMI OUT	x1	x1	x1
		AV OUT	/	/	/
		S/PDIF OUT	x1	x1	x1

HIDB				
	Model	65WR60AE	HN75WR80U	86WR60AE
Power	Power Requirements	AC 100 V ~ 240 V, 50/60 Hz	AC 100 V ~ 240 V, 50/60 Hz	AC 100 V ~ 240 V, 50/60 Hz
	Power Consumption Without OPS	220W	240W	460W
	Standby Condition	<0.5W	<0.5W	<0.5W
	Audio Output Power	2x15W/8Ω	2x15W/8Ω	2x15W/8Ω
Touch	Sensing Type	Infrared Touch Frame	Infrared Touch Frame	Infrared Touch Frame
	Surface Protection	4mm Anti-Glare Glass	4mm Anti-Glare Glass	4mm Anti-Glare Glass
	Infrared Touch	≤20 points	≤20 points	≤20 points
	Touch Accuracy	90%(±1mm)	90%(±1mm)	90%(±1mm)
	Response Time	≤8ms	≤8ms	≤8ms
	Theory Clicks	Unlimited	Unlimited	Unlimited
	Minimum Touch Object	≥2mm	≥2mm	≥2mm
	Connect Type	USB2.0 Full Speed	USB2.0 Full Speed	USB2.0 Full Speed
	Voltage	DC+5V±5%	DC+5V±5%	DC+5V±5%
	Power Consumption	≤2W	≤2W	≤2W
	Windows 10/8/7,Android	Multi Touch	Multi Touch	Multi Touch
	Windows XP,Linux,Mac OS X,Chrome	Single Touch	Single Touch	Single Touch
Physical	Product Size(W x H x D)	1500x922x105mm	1720×1047×103mm	1972×1192×90mm
	Package Size(W x H x D)	1720x1110x240mm	1885×1218×300mm	2171×1382×341mm
	Net Weight	39kg	52kg	74.2kg
	Packed Weight	54kg	68kg	102kg
	Housing Materialv	"Front shell: Aluminum Rear shell: Blister"	"Front shell: Aluminum Rear shell: Blister"	"Front shell: Aluminum Rear shell: Blister"
	Housing Color	Black	Black	Black
	VESA	400*400mm, 4-M8 screw	600*400mm, 4-M8 screw	1000*400mm, 4-M8 screw
Standard Certification	Standard certification	CB,CE,ERP	CB,CE,ERP	CB,CE,ERP
Accessories	Basic	User Manual × 1 Pen × 2 Remote Control × 1 Wireless Cast × 1 Power Cable × 4 Battery × 2 Wall Mount Bracket × 1 Audio Cable × 1	User Manual × 1 Pen × 2 Remote Control × 1 Wireless Cast × 1 Power Cable × 4 Battery × 2 Wall Mount Bracket × 1 Audio Cable × 1	User Manual × 1 Pen × 2 Remote Control × 1 Wireless Cast × 1 Power Cable × 4 Battery × 2 Wall Mount Bracket × 1 Audio Cable × 1
	Optional	“Mobile Cart OPS”	"Mobile Cart OPS"	“Mobile Cart OPS”

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Hisense



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