INTERACTIVE DIGITAL BOARDS

WR SERIES

The future of interactive knowledge sharing

Hisense

UNRIVALLED PERFORMANCE AND VALUE FOR BUSINESS AND EDUCATION

Hisense Interactive Digital Display's deliver unrivalled performance and value. They combine the power of a digital display, tablet, electronic whiteboard and video conference device to deliver the ultimate all-in-one display solution. Interactive Digital Boards (65"/75"/86") have been designed to facilitate market leading knowledge sharing in both business and educational environments. They are touch enabled and have multiple users them at once to present, illustrate and share information.

Thanks to superior processors and the latest touch technology they deliver best-in-class operational experiences. Wireless connecting, information sharing and video conferencing capabilities will make any 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

WR SERIES 65"/75"/86"

SUPERIOR INTERACTIVITY & PERFORMANCE

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.

Hisense

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

WR SERIES 65"/75"/86"

* All related facts and data were measured using the Android operating system.

SMART TOOLS FOR EFFECTIVE COLLABORATION

EASY ON THE EYES INTUITIVE TO TOUCH

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
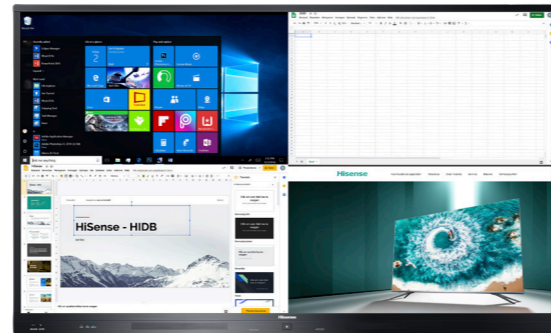
Wireless Casting

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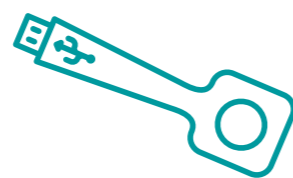
1080P Transmission
Transfer Delay 65ms
Transfer Distance up to 15m
30FPS Transmission
Supports 5GHz band

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.
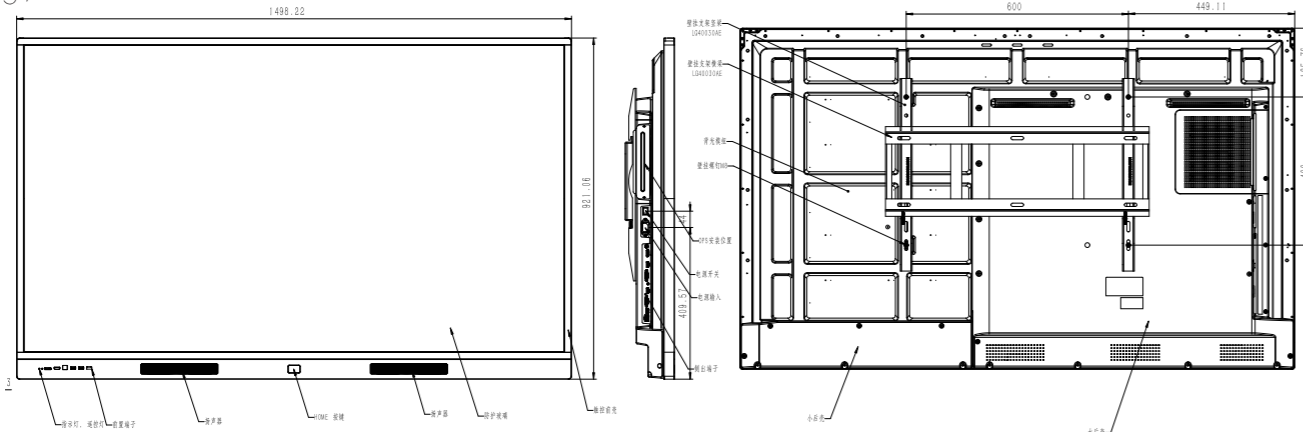
Comfortable viewing

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.
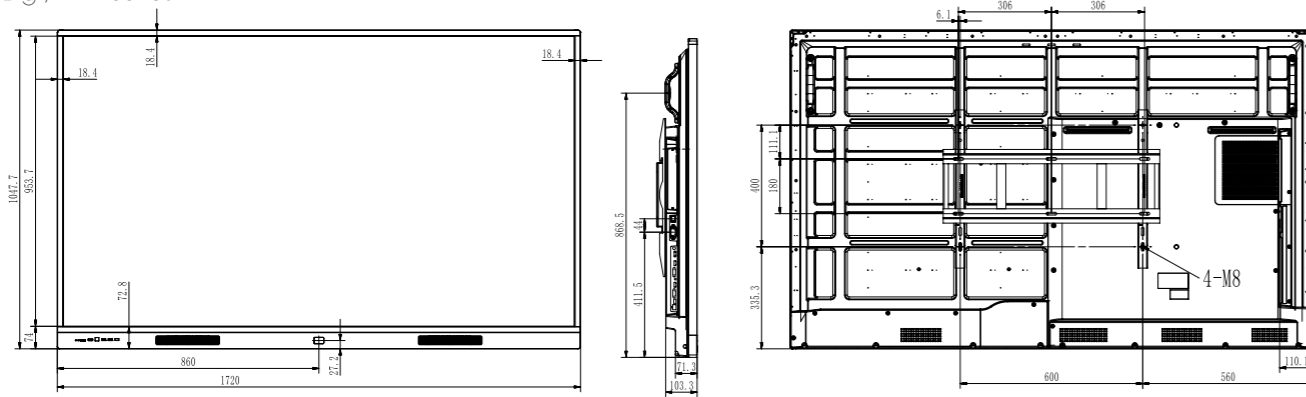
DIMENSIONS

65"

1500 x 922 x 105mm
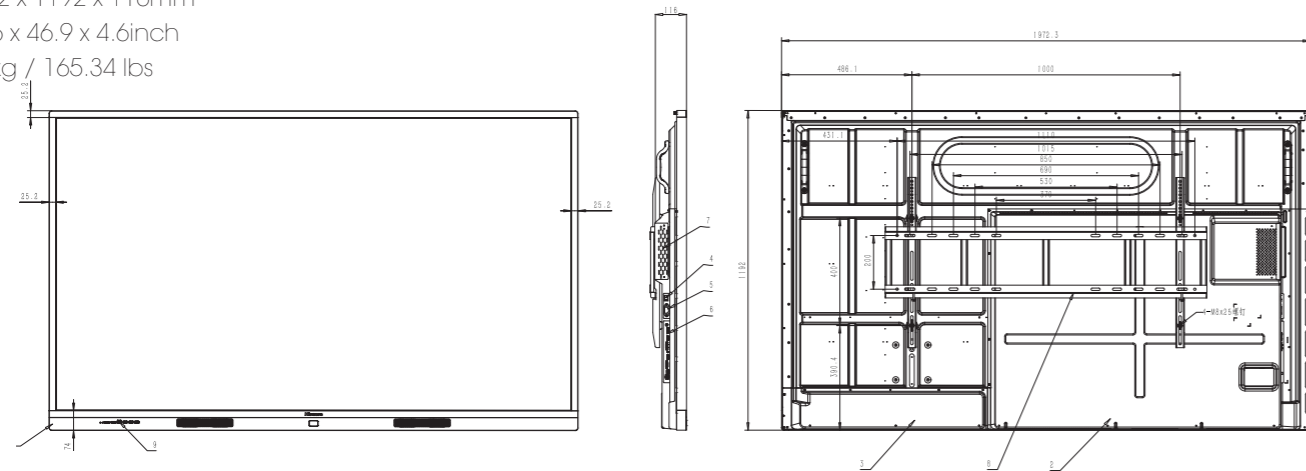59.1 x 36.3 x 4.1inch
39.0 kg / 86 lbs

75"

1720 x 1048 x 105mm
67.7 x 41.3 x 4.1inch
52.0 kg / 114.66 lbs

86"

1972 x 1192 x 116mm
77.6 x 46.9 x 4.6inch
75 kg / 165.34 lbs

WR SERIES 65"/75"/86"

COMPONENTS

INFOGRAPHIC
BROCHURES

Step 1   Step 2   Step 3

CREATIVE DATA VISUALIZATION

User Manual x 1	Remote Control x 1	Wireless Cast x 1	Power Cable x 4
Stylus Pen x 2	Battery x 2	Wall Mount Bracket x 1	OPS Kit (optional) x 1

Mobile Cart (optional) x 1
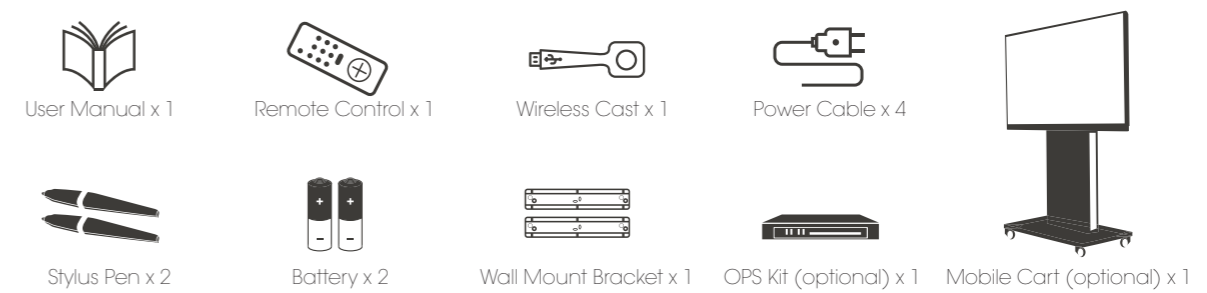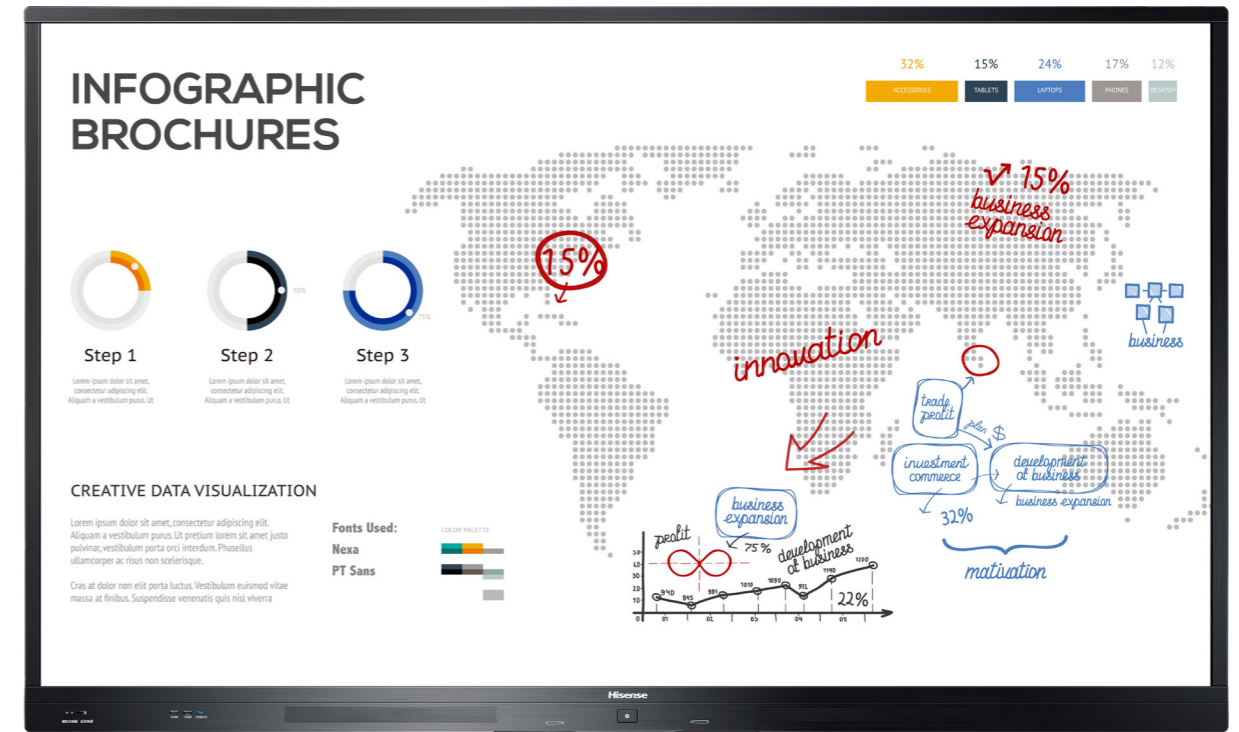
CONNECTIVITY 65"/75"/86"

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

Front Interface Inputs

Rear Side Ports

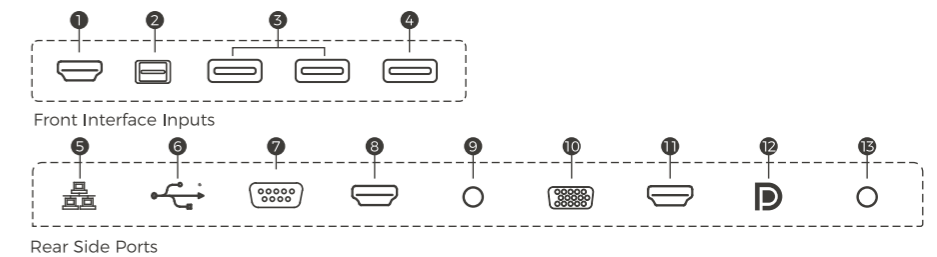| HIDB				
	Model	**65WR60AE**	**HN75WR80U**	**86WR60AE**
Panel	LCD Size	65"	75"	86"
	Backlight Type	D-LED	D-LED	D-LED
	Resolution	3840x2160(pixels)	3840x2160(pixels)	3840x2160(pixels)
	Brightness	350cd/m²(typ.)	350cd/m²(typ.)	350cd/m²(typ.)
	Contrast Ratio	1200:1(typ.)	1200:1(typ.)	1200:1(typ.)
	Response 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	50,000 hrs (min.)	50,000 hrs (min.)	50,000 hrs (min.)
	Color Gamut(X% NTSC)	72%	72%	85%
	Display Colors	1.07B(10bit)	1.07B(10bit)	1.07B(10bit)
System	Chipset	Hi3751V811	Hi3751V811	Hi3751V811
	CPU — Architecture	ARM A73+A53	ARM A73+A53	ARM A73+A53
	CPU — Working Frequency	1.7GHz	1.7GHz	1.7GHz
	CPU — 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
	Input — DP IN	x1	x1	x1
	Input — VGA IN	x1	x1	x1
	Input — AV IN	/	/	/
	Input — YPBPR IN	/	/	/
	Input — OPS(optional)	x1	x1	x1
	Input — LAN	x1	x1	x1
	Input — USB	x4	x4	x4
	Input — Touch	x1	x1	x1
	Input — PC-Audio IN	x1	x1	x1
	Input — RS232 IN	x1	x1	x1
	Output — RS232 OUT	/	/	/
	Output — HDMI OUT	x1	x1	x1
	Output — AV OUT	/	/	/
	Output — 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 59.1 x 36.3 x 4.1inch	1720×1048×105mm 67.7 x 41.3 x 4.1inch	1972×1192×116mm 77.6 x 46.9 x 4.6inch
	Package Size(W x H x D)	1716x1108x241mm 67.6 x 43.6 x 9.5inch	1896×1233×311mm 74.6 x 48.5 x 12.2inch	2171×1381×341mm 85.5 x 54.4 x 13.4inch
	Net Weight	39kg / 86lbs	52kg / 114.66lbs	75kg / 165.34lbs
	Packed Weight	56kg / 123.5lbs	68kg / 149.94lbs	100kg / 220.5lbs
	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	600*400mm, 4-M8 screw	600*400mm, 4-M8 screw	1000*400mm, 4-M8 screw
Standard Certification	Standard certification	CB/CE/ICASA/ERP	CB/CE/ICASA/ERP	CB/CE/ICASA/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"