



# INTERACTIVE DIGITAL BOARDS

The future of interactive knowledge sharing

WR SERIES



## 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



# 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\*:

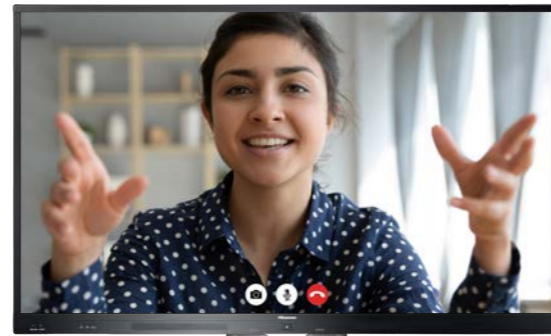
- Boot speed is 24 seconds: 21.7% faster
- Whiteboard app start speed is 1.2 seconds: 29.3% faster
- Opens a 150MB document in 5 seconds: 15.0% faster
- Writing fluency is 32.0% higher



# 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.



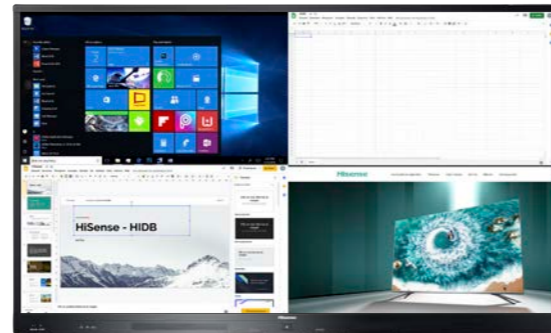
## Drawing and content recognition

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.



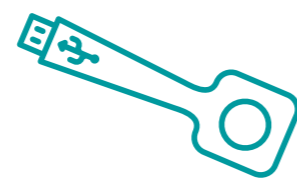
## Split Screen

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.



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

# EASY ON THE EYES INTUITIVE TO TOUCH



## 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.



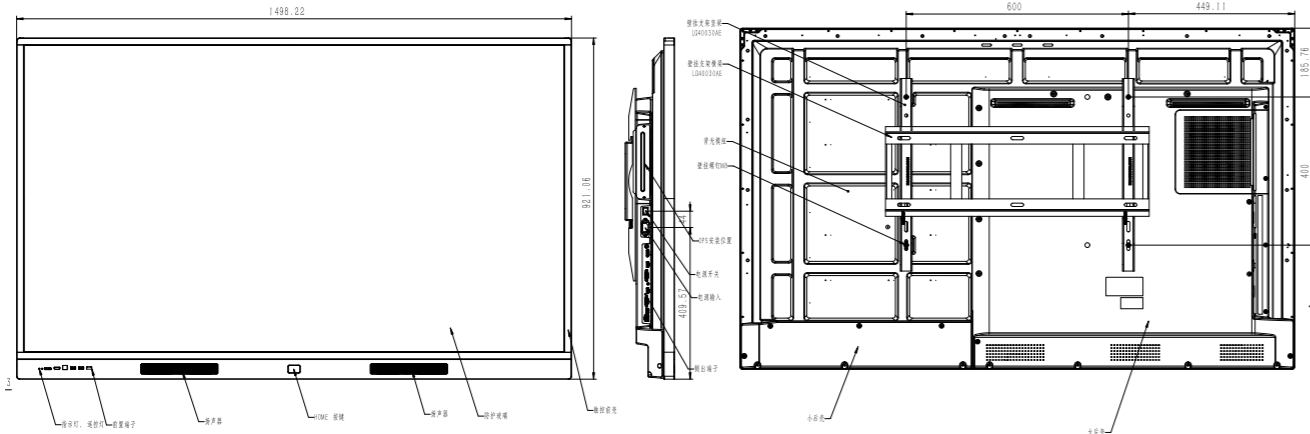
## Comfortable viewing

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

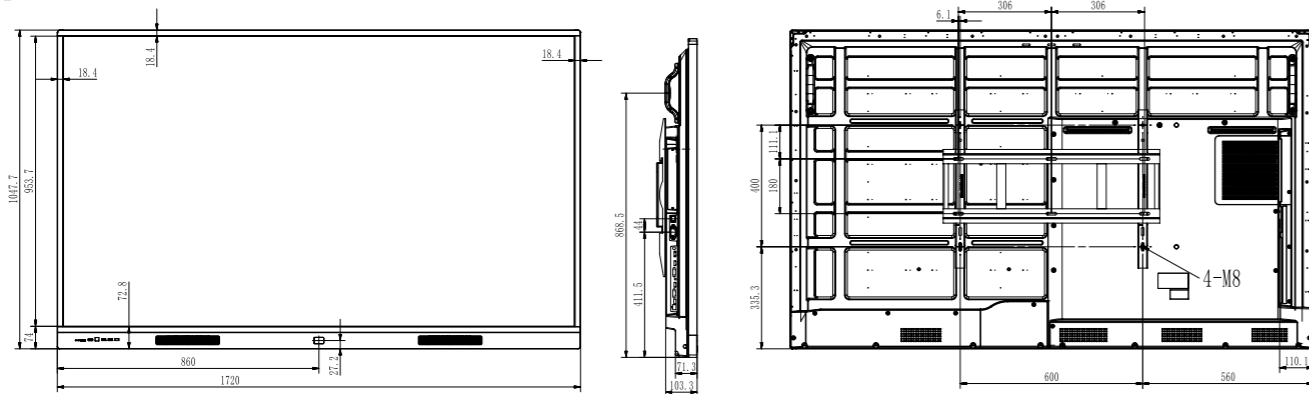
### 65"

1500 x 922 x 105mm  
39.0 kg



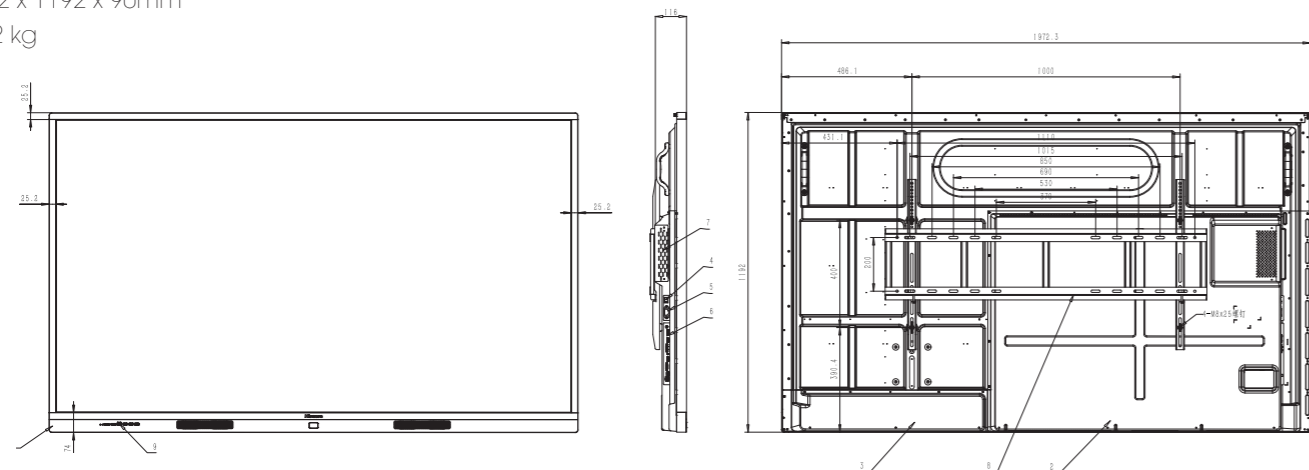
### 75"

1720 x 1047 x 103mm  
52.0 kg



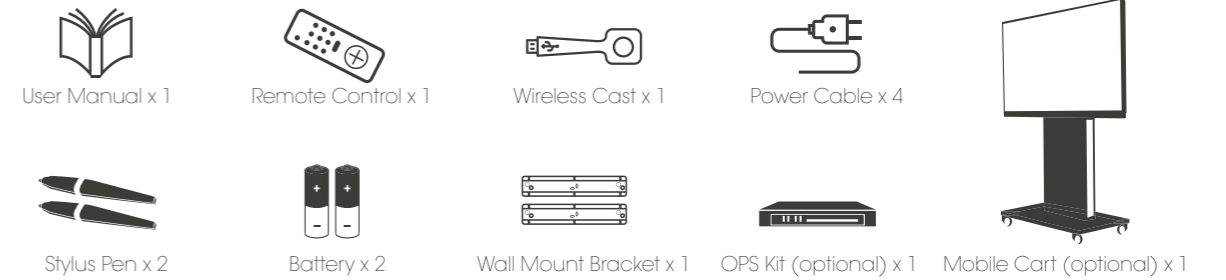
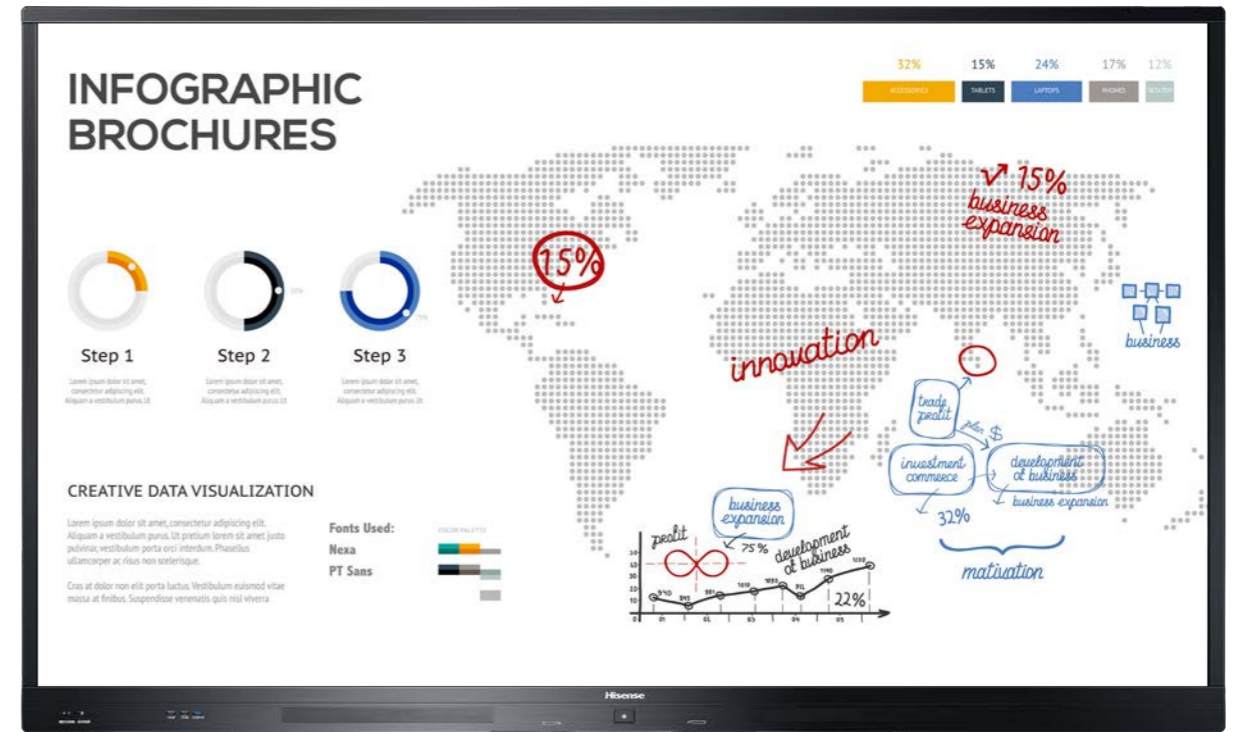
### 86"

1972 x 1192 x 90mm  
74.2 kg



WR SERIES 65"/75"/86"

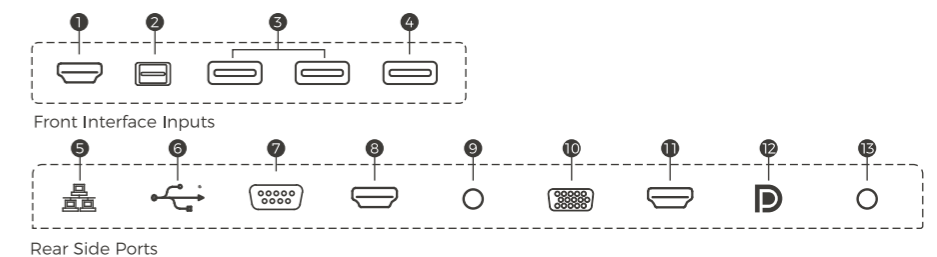
## COMPONENTS



## 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



WR SERIES 65"/75"/86"

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/m <sup>2</sup> (typ.)	400cd/m <sup>2</sup> (typ.)	360cd/m <sup>2</sup> (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
CPU		Architecture	ARM A73+A53	ARM A73+A53
		Working Frequency	1.7GHz	1.7GHz
		Core	8 Core	8 Core
GPU		MaliG51	MaliG51	
RAM		3GB	3GB	
ROM		32GB	32GB	
OS		Android 8.0	Android 8.0	
Connectivity	Input	HDMI IN	x2	x2
		DP IN	x1	x1
		VGA IN	x1	x1
		AV IN	/	/
		YPBPR IN	/	/
		OPS(optional)	x1	x1
		LAN	x1	x1
		USB	x4	x4
		Touch	x1	x1
		PC-Audio IN	x1	x1
	RS232 IN	x1	x1	
	Output	RS232 OUT	/	/
		HDMI OUT	x1	x1
		AV OUT	/	/
		S/PDIF OUT	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
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 Material		"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,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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