Hisense | COMMERCIAL DISPLAY

INTERACTIVE DIGITAL BOARDS WR SERIES
For next era knowledge sharing

Hisense

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

WR SERIES 65"/75"/86"

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.

09:48
Wednesday June 23 2021

White board | Hisense Share | Remote Meeting | Apps

Five finger on the screen to control

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.

HARDWARE TO IMMERSE YOUR CROWD

Hisense

4K Ultra HD
The 4K Ultra HD picture quality ensures perfect colour and rich details in all possible surroundings. With a high 85% NTSC (122.9% sRGB) colour gamut and 178° wide viewing angle.

Screen transmission
The WR series interactive digital boards can wirelessly connect with two or more auxiliary screen devices. Near-Field Communication (NFC) touch transmission and A&C screen transmission simplify this process.

Plug-in camera*
A plug-in camera with an ultra wide 120° angle facilitates videoconferencing. Thanks to a 4K monitoring image sensor, even people in dark light will be visible and vivid.

Array microphones*
Six array microphones are able to folter out any ambient noise. As a result you will have an optimal video conference experience without auditory distraction.

Automatic sound bar
The power of the sound bar can be turned on or off simultaneously with the interactive digital board. Creating an instant auditive experience.

WR SERIES 65"/75"/86"

* Plug-in camera and Array microphones are only supported by 65WR6BE / 75WR6BE / 86WR6BE.

EASE OF USE FOR LECTURER AND AUDIENCE

Hisense

Touch pen
The double headed touch pen has a tip for writing and a cap to erase even the tiniest details. The pen has a write delay as low as 35ms, which makes it feel like you're writing on actual paper.

Dynamic graphics
Drawn graphics are not only colorful, but can also be easily stretched, rotated, moved or copied. You can also change the color of objects by selecting them.

Homepage article bar
An easy to find and use homepage article bar enables quick access to functionalities such as a calculator, voting machine and magnifying glass.

Multi-voting selection
Multi-selections can be realized onscreen, when spectators vote by smartphone. Making sure ideas and solutions can be selected, grouped and handled for better group session results.

Real-time comments
Spectator comments will pop-up onscreen in real-time. Also they will scroll with the page, so no remarks are missed. All without interrupting the person handling the screen.

Input method setting
WR series interactive digital boards come with Google Gboard pre-installed as software keyboard. Users can customize the system default input method and/or install their software of preference.

09:55

Note	Home	Source
Vol-	Back	Vol+
Settings	OPS	Screencap

Write | Highl... | Select | Rubber | Insert | Undo | Redo | More

1 / 1

Hisense

WR SERIES 65"/75"/86"

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.
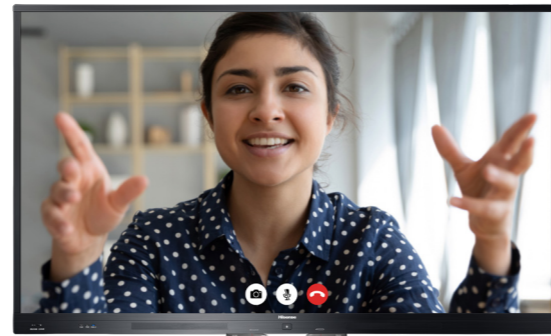
Drawing and content recognition

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
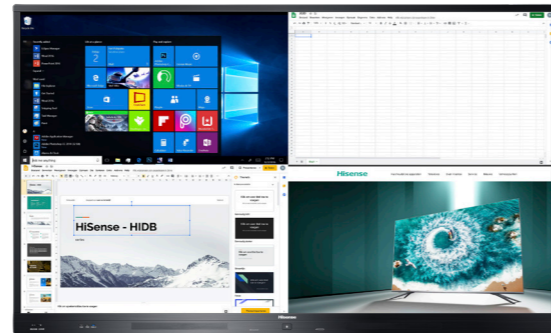
Wireless Casting

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
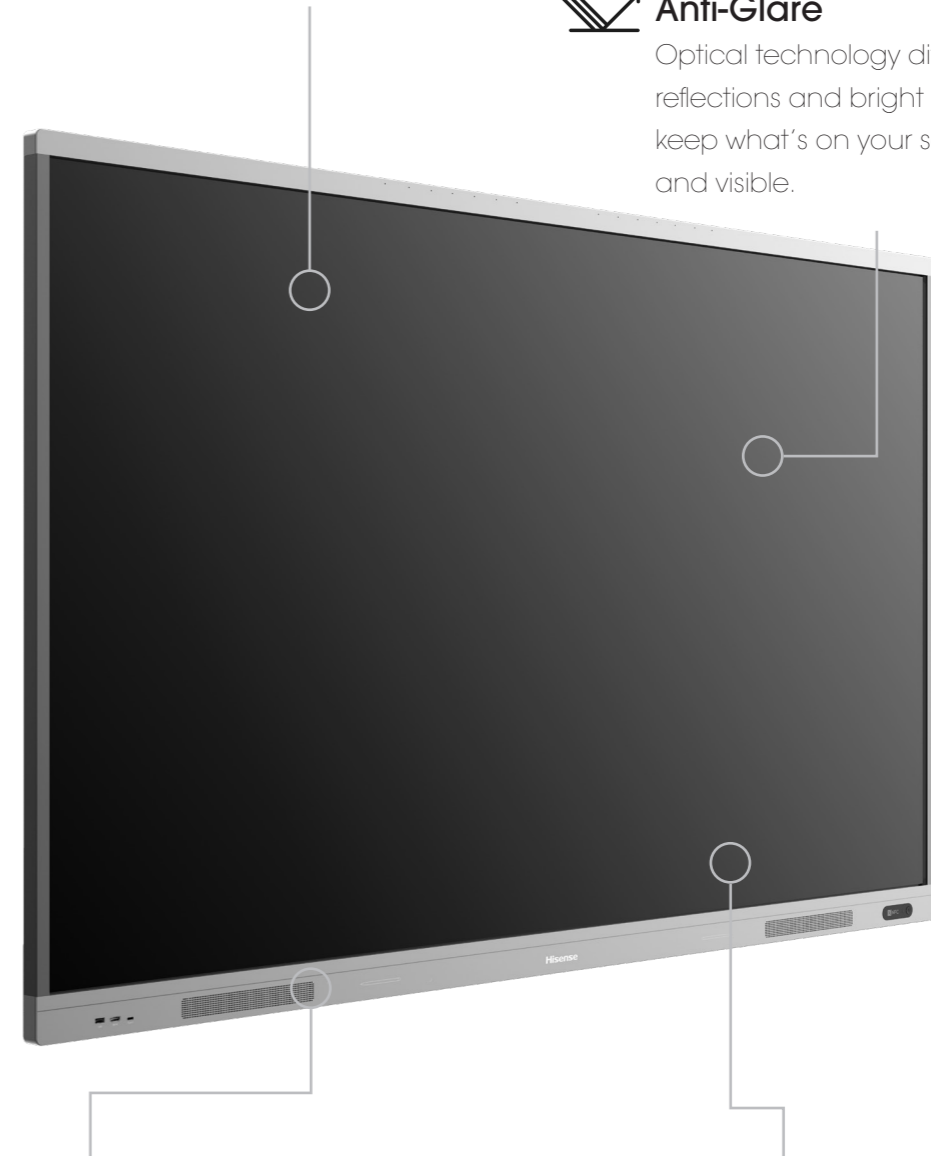30FPS Transmission
Supports 5GHz band

EASY ON THE EYES
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.
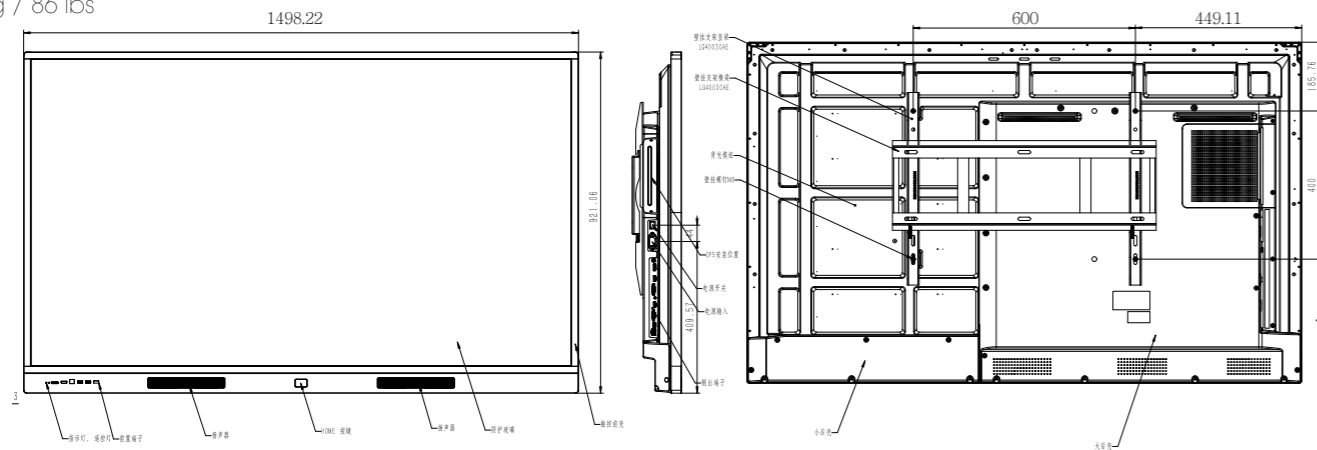
Comfortable viewing

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.

WR SERIES 65"/75"/86"

65WR60AE (65")

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

HN75WR80U (75")

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

86WR60AE (86")

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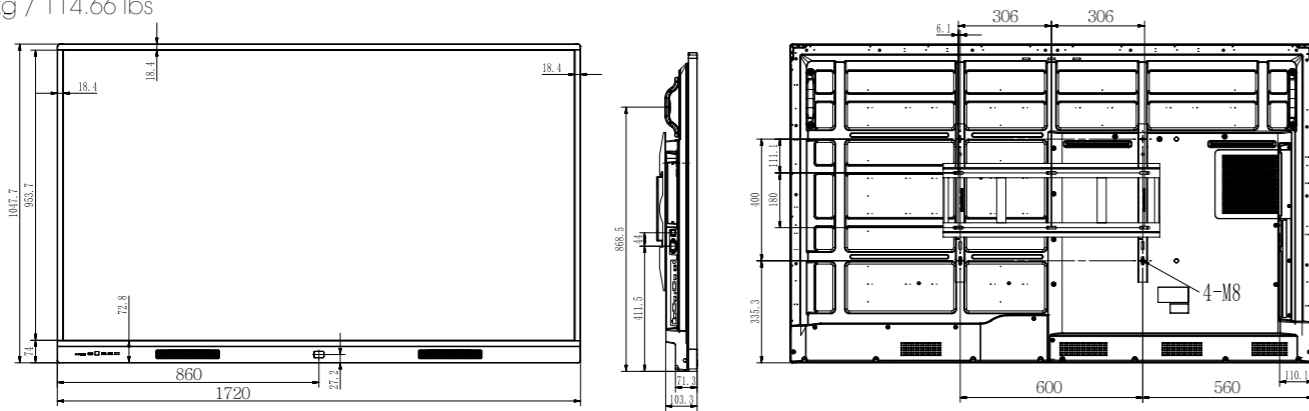75 kg / 165.34 lbs

WR SERIES 65"/75"/86"

65WR6BE (65")

1497 x 915 x 100mm
58.9 x 36.0 x 3.9 inch
37 kg / 77.16 lbs

75WR6BE (75")

1718 x 1040 x 102mm
67.6 x 43.6 x 9.5 inch
47.5 kg / 104.74 lbs
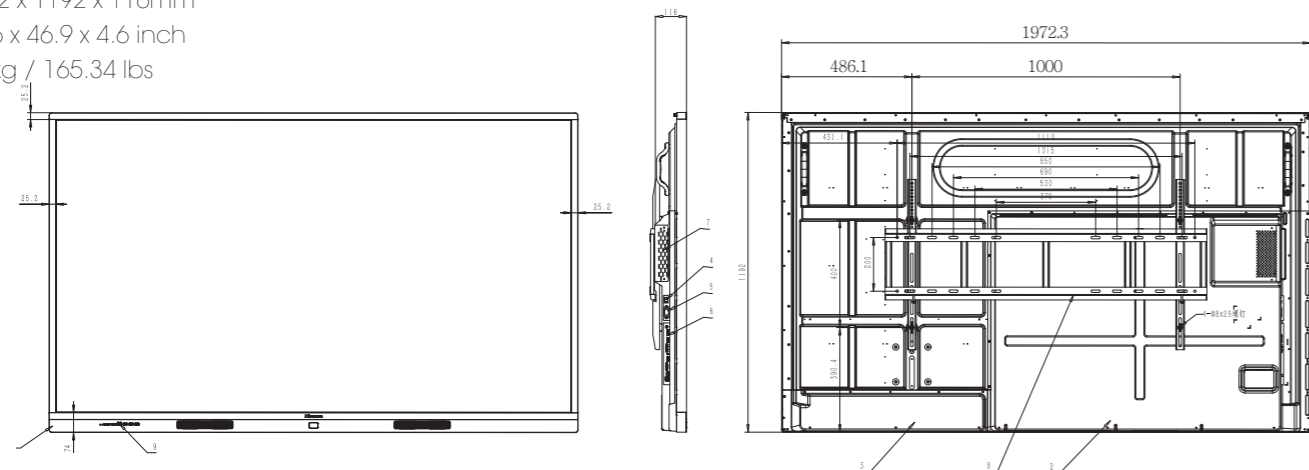
86WR6BE (86")

1957 x 1178 x 94mm
77 x 46.4 x 3.7inch
62 kg / 136.71 lbs

WR SERIES 65"/75"/86"

COMPONENTS

User Manual x 1   Remote Control x 1   Wireless Cast x 1   Power Cable x 4   Camera (optional) x 1

Stylus Pen x 2   Battery x 2   Wall Mount Bracket x 1   OPS Kit (optional) x 1   Mobile Cart (optional) x 1
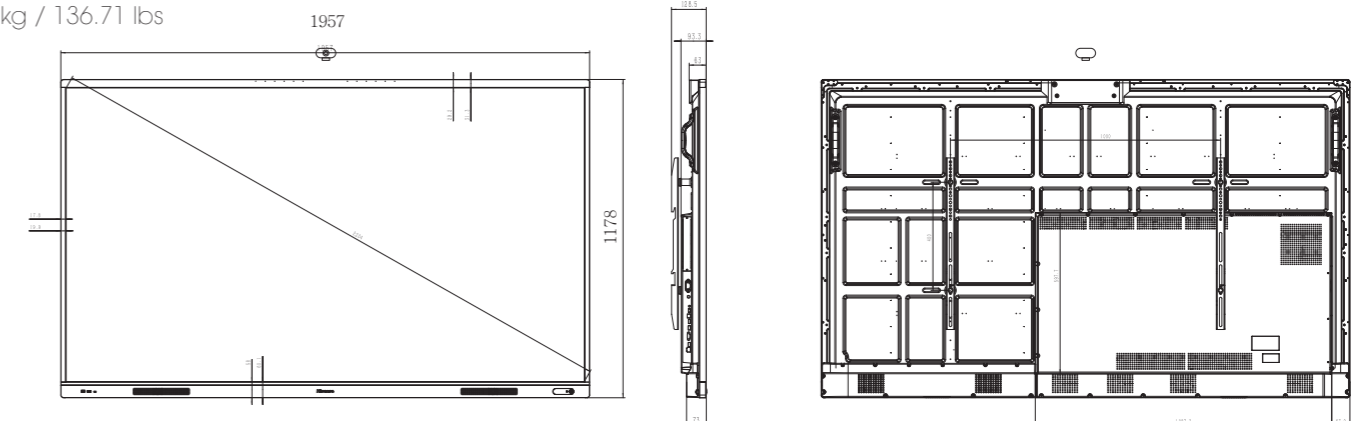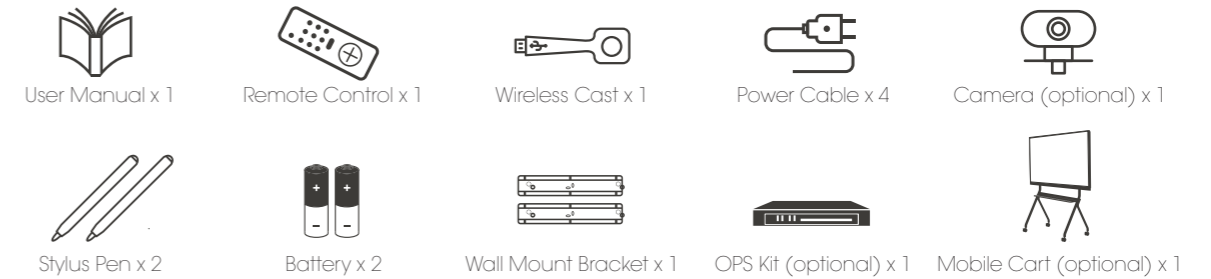
CONNECTIVITY 65WR60AE / HN75WR80U / 86WR60AE

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
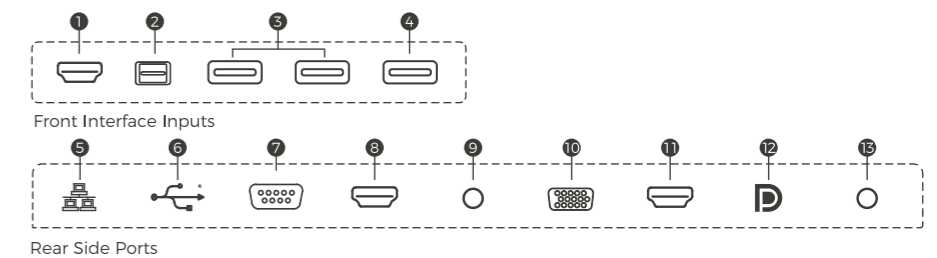
CONNECTIVITY 65WR6BE / 75WR6BE / 86WR6BE

1. USB 3.0
2. HDMI In
3. USB Type C
4. Ethernet
5. USB
6. RS 232
7. USB
8. HDMI Out
9. Headphone
10. Touch
11. HDMI In
12. Service
13. DP
14. Digital Audio Out

Front Interface Inputs

Rear Side Ports
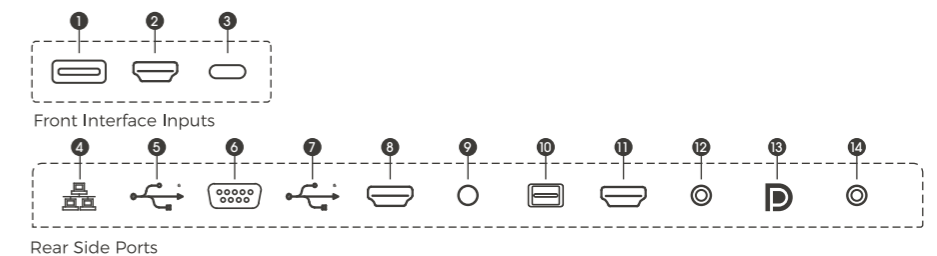
HIDB				
	Model	**65WR60AE**	**HN75WR80U**	**86WR60AE**
Panel	LCD Size	65"	75"	86"
	Backlight Type	D-LED	D-LED	D-LED
	Resolution	3840x2160(pixels)	3840x2160(pixels)	3840x2160(pixels)
	Brightness	350cd/m²(typ.)	350cd/m²(typ.)	350cd/m²(typ.)
	Contrast Ratio	1200:1(typ.)	1200:1(typ.)	1200:1(typ.)
	Response 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 — Type-C	/	/	/
	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
	Output — Audio OUT	/	/	/

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 4.6 inch
	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	2171×1382×341mm 85.5 x 54.4 x 13.4 inch
	Net Weight	39kg / 86lbs	52kg / 114.66lbs	75kg / 165.34lbs
	Packed Weight	56kg / 123.5lbs	68kg / 149.94lbs	100kg / 220.5lbs
	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/ICASA/ERP	CB/CE/ICASA/ERP	CB/CE/ICASA/ERP
Accessories	Basic	User Manual × 1 Pen × 2 Remote Control × 1 Hanging Wheel × 4 Wireless Cast × 1 Power Cable × 1 Battery × 2 Wall Mount Bracket × 1	User Manual × 1 Pen × 2 Remote Control × 1 Hanging Wheel × 4 Wireless Cast × 1 Power Cable × 1 Battery × 2 Wall Mount Bracket × 1	User Manual × 1 Pen × 2 Remote Control × 1 Hanging Wheel × 4 Wireless Cast × 1 Power Cable × 1 Battery × 2 Wall Mount Bracket × 1
	Optional	Mobile Cart OPS	Mobile Cart OPS	Mobile Cart OPS

HIDB				
	Model	**65WR6BE**	**75WR6BE**	**86WR6BE**
Panel	LCD Size	65"	75"	86"
	Backlight Type	D-LED	D-LED	D-LED
	Resolution	3840x2160(pixels)	3840x2160(pixels)	3840x2160(pixels)
	Brightness	330cd/m²(typ.)	370cd/m²(typ.)	370cd/m²(typ.)
	Contrast Ratio	4000:1(typ.)	4000:1(typ.)	4000:1(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)	85%	85%	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	4GB	4GB	4GB
	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	/	/	/
	Input AV IN	/	/	/
	Input YPBPR IN	/	/	/
	Input OPS(optional)	x1	x1	x1
	Input LAN	x1	x1	x1
	Input USB	x4 (1 for Camera)	x4 (1 for Camera)	x4 (1 for Camera)
	Input Type-C	x1	x1	x1
	Input Touch	x1	x1	x1
	Input PC-Audio IN	/	/	/
	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
	Output Audio OUT	x1	x1	x1

HIDB				
	Model	**65WR6BE**	**75WR6BE**	**86WR6BE**
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	270W	350W	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)	1497x915x100mm 58.9 x 36.0 x 3.9inch	1718x1040x102mm 67.6 x 40.9 x 4.0inch	1957x1178x94mm 77.0 x 46.4 x 3.7inch
	Package Size(W x H x D)	1716x1108x241mm 67.6 x 43.6 x 9.5inch	1896x1212x300mm 74.6 x 47.7 x 11.8inch	2158x1370x302mm 85.0 x 53.9 x 11.9inch
	Net Weight	37kg / 77.16lbs	47.5kg / 104.74lbs	62kg / 136.71lbs
	Packed Weight	48kg / 105.84lbs	61kg / 134.51lbs	82kg / 180.81lbs
	Housing Material	Front shell: Aluminum Rear shell: Blister	Front shell: Aluminum Rear shell: Blister	Front shell: Aluminum Rear shell: Blister
	Housing Color	Tarnish	Tarnish	Tarnish
	VESA	600*400mm, 4-M8 screw	600*400mm, 4-M8 screw	1000*400mm, 4-M8 screw
Standard Certification	Standard certification	CB/CE/ERP/ SouthAfrica Energy Efficiency/cTUVus/ CEC/FCC/ICASA	CB/CE/ERP/ SouthAfrica Energy Efficiency/cTUVus/ CEC/FCC/ICASA	CB/CE/ERP/ SouthAfrica Energy Efficiency/cTUVus/ CEC/FCC/ICASA
Accessories	Basic	User Manual × 1 Pen × 2 Remote Control × 1 Hanging Wheel × 4 Wireless Cast × 1 Power Cable × 1 Battery × 2 Wall Mount Bracket × 1	User Manual × 1 Pen × 2 Remote Control × 1 Hanging Wheel × 4 Wireless Cast × 1 Power Cable × 1 Battery × 2 Wall Mount Bracket × 1	User Manual × 1 Pen × 2 Remote Control × 1 Hanging Wheel × 4 Wireless Cast × 1 Power Cable × 1 Battery × 2 Wall Mount Bracket × 1
	Optional	Mobile Cart OPS Plug-in camera	Mobile Cart OPS Plug-in camera	Mobile Cart OPS Plug-in camera