

IR Interactive Whiteboard



1. Model Number: R5R55, R5R65, R5R86

2. Product Feature

1) 4K Ultra HD

For a crystal clear picture with a viewing angle of up to 178° degrees even under direct sunlight.

2) Multi-device mirroring

Mirror wirelessly up to 9 separate devices at the same time for more efficient inclusive collaboration.

3) Optical bonding

guarantees the screen has no parallax that makes the pictures more natural, clear and transparent.

4) Built-In audiovisual system

Built-in 1080P wide-angle camera, 6 mic array with 8 meter sensitivity, and dual channel speakers. Say goodbye to excess cables and 3rd-party compatibility issues.

5) IR touch

Up to 20 points multi-touch for a more natural touch interaction that's highly accurate and lightning fast

6) Anti-bacterial design

In a time of COVID-19, the well-designed function of anti-bacterial provides you an all-round protection for your health.

3. Detail Product Specification

Model Name	R5R55	R5R65	R5R86
Size	55"	65"	86"
Screen-to-body ratio	>81%	>84%	>87%
Laminating process	Tempered glass and LG LCD glass are fully bonded		
Glass panel	Hardness $\geq 7H$ /full plane design/AG explosion-proof tempered glass panel/anti-glare, anti-fingerprint, anti-bacterial, anti-scratch and anti-collision		
Brightness	$\geq 450\text{cd/m}^2$ (typ)	$\geq 450\text{cd/m}^2$ (typ)	$\geq 400\text{cd/m}^2$ (typ)
Contrast	$\geq 1100:1$ (Typ)	$\geq 1200:1$ (Typ)	$\geq 1200:1$ (Typ)
Resolution & frame rate	3840×2160 (60HZ)		
Response time	$\leq 8\text{ms}$ (Gray to Gray)		
Viewing angle	178(H)/178(V) (CR>10)		
Backlight form	ELED		
Transmittance	Transmittance: >80%		
Eye protection	Anti-blue light		
Color temperature	8500K~12000K/9300K(Typ)		
Color gamut	68% (min) /72%(Typ)		
Dimensions (length * width * thickness)	1281.5*786.2*69.3mm	1500.4*909.4*69.3mm	1967*1172*69.3mm

Package Size	1420*910*245mm	1720*1080*250mm	2186**1340*250mm
Net weight/ Gross weight	35KG/48KG	52KG/71KG	93KG/123KG
Wall Mount	4*M8/400mm*200mm	4*M8/600mm*300mm	4*M8/600*300
Input Voltage	100~240V 50/60Hz		
Power	≅ 200W	≅ 250W	≅ 400W
Standby power consumption	<0.5W		
Touch screen	Infrared touch		
Touch mode	Finger/Stylus Pen		
Resolution	4096*4096		
Accuracy	Any point offset<2mm		
Support touch points	Maximum 20-point touch		
Touch response time	<5ms		
Flying height	25 to 35mm Distance from antenna board to pen tip		
Report rate	220PPS		
Processing core	2×ARM Cortex-A73 @ 1.5GHz 2×ARM Cortex-A53 @ 1.5GHz quad core, GPU ARM Mali-G51*4		
Operating system	Android 8.0		
Storage	4G RAM / 32G ROM		
Interface	2 USB 3.0 interfaces; 1 USB 2.0 interface; 1 USB Type-C interface; 2 RJ45 Ethernet interfaces; 1 Touch-USB interface; 2 HDMI-in interfaces; 1 HDMI- out interface; 1 DP-In interface; 1 RS232 interface; 1 VGA-In interface; 1 VGA-Audio-In interface; 1 MIC-In interface; 1 3.5mm Earphone interface		
Wireless	WIFI 2.4G/5G & Bluetooth 4.0		
Conference system	Built-in conference system software, supports multi-parties video conferences, and supports PC/mobile phones and other terminals to access video conferences;		
Camera	Wide viewing angle: 117° wide angle, support 1080p@30FPS output		

Array microphone and pickup function	Built-in 6 wireless omnidirectional microphones (top array sorting), 8 meters effective pickup distance, vocal enhancement, environmental sound cancellation, echo cancellation, voice recognition
Microphone physical parameters	Sensitivity-38d; frequency response range 80Hz~16KHz; sampling frequency 48KHz; sampling number 16bit
Speaker	8ohm 15watt speaker*2, built-in 4 speakers, different speaker cavity for mid and bass; stereo playback effect.
Working temperature and humidity	0℃~40℃ & 20~80%RH can work normally in the environment
Storage temperature and humidity	-20℃~60℃ & 10~90%RH storage environment
Switch	Physical buttons with light, can control the system switch and energy-saving standby
Remote control input	Support remote control (infrared + bluetooth)
Other features	Motherboard temperature detection, automatic adjustment of backlight brightness according to ambient light, automatic switching with zero delay on touch, automatic jump when HDMI and VGA signal are inserted.
OPS CPU type	X86 architecture: Intel® Core i5 3.2G quad-core; optional I7 8th generation
OPS RAM	8G DDR4
OPS storage	128G solid state drive; 256G/512G optional
OPS operating system	X86 system: Windows 10 Pro
OPS external interface	X86: Input terminal: ≥6 USB2.0; ≥1 RJ45; ≥1 microphone input Output terminal: ≥1 HDMI output; ≥1 DisplayPort output; ≥1 VGA output; ≥1 headphone output
OPS design	Modular installation and removal design
Wireless screen transmitter (wireless projection)	Used for computer one-click projection.
Optional Stand	Herringbone bracket, simple and light, strong and durable

Accessories	AC power cord×1, user manual×1, certificate of conformity×1, warranty card×1.
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4. Statements

Size and weight vary by configurations. Please refer to the actual product.

The product images are for illustrative purposes only and may slightly differ in appearance, color, size, etc. from the actual product.

The description, illustrations, etc. in this document may subject to change in accordance with the latest product specification and performance.

Should the above-mentioned change in the document become necessary, the document might be updated without written notice.

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