

---

# IR Interactive Flat Panel

**Model Number: R5G65/R5G75/R5G86/R5G98/R5G110**

## 1. Product Feature

- ✧ 4K ultra-high-definition display, narrow bezel design, front USB port that switches with the channel
- ✧ Custom Android system design:
  - (1) Autonomous Android system design
  - (2) Built-in smart core and operating system
- ✧ The system can be equipped with ultra-thin plug-in PC module, and built-in video conference software under the PC channel
- ✧ Touch technology:
  - (1) Anti-light interference (use as usual under direct sunlight)
  - (2) The touch algorithm is highly optimized, the response speed is fast, and the writing and presentation fluency is high
- ✧ Integration of display, touch and smart core
  - (1) HD image processing engine
  - (2) Smart display chip, smart Android operating system
  - (3) Any channel can realize writing annotations
- ✧ In standby mode, VGA channel and HDMI channel signal input intelligent wake-up
- ✧ Support wireless screen share
- ✧ Support Wi-Fi dual-band 2.4G/5G
- ✧ Support one network cable for dual system Internet access, one wireless dual system network sharing

- ✧ With channel memory function, enter the homepage by default
- ✧ One-key black screen (energy saving, environmental protection, improve service life)
- ✧ Pass EMC test (radiation is far lower than EU standard to ensure green and healthy products)
- ✧ Environmental adaptation (passed 0°C-40°C environment simulation test)
- ✧

## 2. Display Parameters

Size	65inch	75inch	86inch	98inch	110inch
Screen Type	VA	IPS	ADS	IPS	IPS
Response Time	8ms	6ms	8ms	8ms	8ms
Aspect Ratio	16:9				
Display Area	1428.48x 803.52	1649.66x 927.93	1895.04x 1065.96	2158.848x 1214.352	2436.48× 1370.5
Resolution	3840(H)x2160(V)				
Pixel Pitch	0.372x 0.372mm	0.429x 0.429mm	0.4935x 0.4935mm	0.5622x 0.5622mm	0.2115 × 0.6345mm
Refreshing Frequency	60Hz			120Hz	
Display Color	1.07B(10bit)				
NTSC	72%				
Contrast Ratio	4000:1	3000:1	1200:1		
Viewing Angle	178°(H/V)				
Backlight Type	DLED				
Screen Brightness	350cd/m²				
Service Life	≥30000 Hours				

## 3. Audio and Video Parameters

Sound Channel	2.1
Output Power	2x10W(Mid-treble)+15W(Bass)
Camera	

Pixel	8M
Quantity	1
Field of View	73°
Position	Top border centered
Microphone	
Pickup Distance	0~8m
Quantity	6

#### 4. Touch Writing System

Sensing Type	Infrared recognition
Touch Point	20 points touch
Support System	Windows 10/Windows 8/Windows 7/Windows XP Android/Linux/Mac OS X/Chrome
Minimum Object Size	2mm
Touch Tool	Finger, Passive infrared pen
Response Time	<15ms
Touch Accuracy	±1mm(More than 90% touch area)
Writing Height	3.5mm
Surface Hardness of Writing Screen	7H
Interpolation Res.	32768(W)x32768(D)

#### 5. Built-in System

System Version	Android8.0
CPU	A73x2+A53x2
GPU	Mali-G51x4
RAM	4GB
ROM	32GB

#### 6. Wireless

Wi-Fi	Version	802.11 a/b/g/n/ac
	Working Frequency	2.4GHz,5GHz
	Working Distance	0~12m
Bluetooth	Version	4.0
	Working Frequency	2.4GHz
	Working Distance	0~10m
Note	The function is realized through wireless module 2.4G/5G	

## 7. I/O Port

HDMI IN	3
HDMI OUT	1
USB 2.0	3
USB 3.0	3
TOUCH OUT	2
VGA IN	1
AUDIO IN	1
AUDIO OUT	1
SPDIF	1
RS232	1
RJ45	1

## 8. Power

Power Requirements	100-240V~50/60Hz			
Current Input	2.5A	3.0A	4.5A	7.5A
Overall Power (Max.)	250W	300W	450W	750W
Standby Power	≤0.5W			

## 9. PC System(Optional)

PC Model		OI5	OI7
PC Type		Ultra-thin pluggable Intel Core series modular computer	
CPU		CORE	
Configuration	I	i5, DDR4 8GB, M.2 128GB(SSD)	
	II	i7, DDR4 16GB, M.2 256GB(SSD)	
Graphics Card		Integrated Intel® HD Graphics	
Sound Card		Integrated HD stereo sound card	
System		Windows 10 Pro	
HDMI Output		1	
USB 2.0		2	
USB 3.0		2	
Microphone Input		1	
LINE OUT		1	
PC Interface		120pin	

## 10. Physical Specifications

Dimension (L x H x D)	1489x906x89mm	1710x1029x89mm	1957x1175x90mm	2245x1323x90mm	2514.6*123.6*1503.2mm
Dimension Package (L x W x D)	1656x204x1050mm	1886x210x1196mm	2134x210x1334mm	2483x376x1493mm	2685x280x1730mm
Thickness of Machine and Wall mount	119mm	119mm	120mm	135.5mm	135.5mm
VESA	600x400mm	800x400mm	800x600mm	800x600mm	800x600mm
Wall-hang Screw Spec	M8x25mm				
Net Weight	37.5kg	51kg	68.78kg	102kg	125kg
Gross Weight	49.8kg	66.1kg	89.28kg	136kg	157kg

## 11. Accessories

Power Cable	3m
Writing Pen	x2(SW13, Equipped with 3 pen tips)
Wall Mount	x1(WIB9060G)
Quick Guide	x1
Warranty Card	x1

## 12. Environmental Conditions

Operation Temperature	0°C~40°C
Operation Humidity	10%~90%RH
Storage Temperature	-20°C~60°C
Storage Humidity	10%~90%RH
Altitude	Below 5000 meters

## 13. Standard Module

Wireless Module	802.11 2.4G/5G
-----------------	----------------

## 14. Optional Module

OPS Module	Bestboard OPS OI5 OI7
------------	-----------------------

---

**15. Statement**

Size and weight vary by configuration and manufacturing process, 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, illustrative, 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 may be updated without written notice.



NOTICE: The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI licensing LLC in the United States and other countries.