specification

Product name: 75-inch 3D holographic   BOX

Product model number: RC 750

 Main features: 90% light transmittance with box, touch (optional) interaction, visible through the screen

 See the real objects in the cabinet.

The following must see the phrase, many less mistakes!!!!!

Simple explanation, in fact, our product can be used as a display, your video material is 3D, he can show the 3D virtual people or real-time transmission of real person video or. Digital people and other video material suggests using a white background.

1. Complete machine characteristics

Case and appearance	Sheet metal architecture, front door opening
Form size of the whole machine	**1134 * 450 * 1877 (length X width X height)**
Maximum power consumption rate	260W (excluding PC)
Standby power	≤0.5W

2. Display parameters

Display size	75 inches (9:16)
Display type	Transparent liquid crystal

The picture shows the size	1657 (H) x 934(V)
Physical resolution	2160*3840
Show color	1.07B , 70% NTSC
refresh rate	60HZ
luminance	400cd/m2
contrast ratio	1200：1
Perspective (degree)	89/89/89/89 (Min.)(CR≥10)
aspect ratio	9:16
Screen weight	4.85Kgs (Typ.)
life span	30K hours
The lamp tube type	LED
surface preparation	(Haze 3%)，Hard coating (3H)
touch screen	Infrared touch with / without touch
Pixel arrangement	The RGBW vertical strip
Recommended perspective	Full perspective
response time	8(Typ.)(G to G) ms
interface type	USBx2 / HDMIx1 / network port x1 / VGAx 1 /
Storage temperature	-20 ~ 60 ℃
working temperature	0 ~ 50 ℃
Voltage supply	220V

3. Infrared touch parameters:

Touch technology	A 10-point infrared touch screen
size	15-65 inches
Touch pressure	zero pressure
light transmittance	100% Light transmittance is 100% (no glass)
Touch-controlled physical resolution	1000×1000

Report resolution	32767×32767
Minimum identification point size	8mm×8mm
Minimum contact detection	3mm
surface durability	7H
Anti-harsh environment	Redundancy, multitouch at 20% sensor damage
Touch point recognition	Touch point: 10 points
working voltage	5.0V (internal voltage 3.3V)
average current	<200MA
power dissipation	1W
maximum current	<350MA
The dormant current	<10mA
response speed	≤8-20ms
joggle	USB2.0HID pattern
scanning speed	50 Frame / second
Disturbed situation	No electrostatic interference, and the drift phenomenon
life span	Continuous operation of a single sensor: 5,000 hours Time-sharing work, the continuous life of the whole machine: 5,000 hours and 200 hours In the energy saving mode, it can also improve the working life by 10 times (low speed without touch)
Touch number	No mechanical structure, equivalent to the capacitive screen of 200 million times
Object shape recognition	support
Touch the way	Finger, pen (non-capacitor, electromagnetic pen)
Support platform	windows xp \ windows7 \ linux \ android (Android)
Software interface protocol	TUIO protocol (UDP mode), TUIO Adobe Flash mode (TCP mode) and Windows7multitouchHID protocol
Humidity range	Working and storage temperature: 90% RHd 40℃ no condensation
temperature range	Operating temperature: 0℃ -50℃
Storage temperature	—40℃-85℃

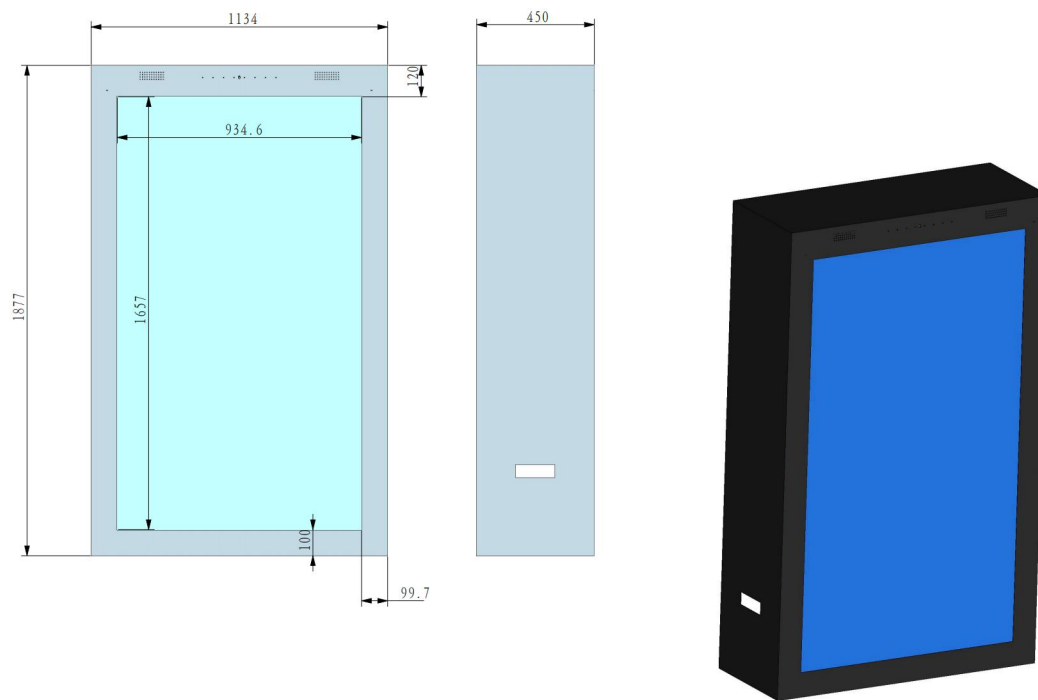## 4. Camera microphone parameters (optional):

camera parameter	photosensitive chip (Photosensitive chip)	CMOS 1/2.3 ″
	Pixel Size (pixel size)	1.55μ m x 1.55μm
	SNR max (Signal-to-noise ratio)	TBD dB
	Max Dynamic range (Dynamic range)	TBD dB
	Minimum illumination (Minimum illumination)	0.1Lux at F 12
	F/No(iris diaphragm)	1.8
	EFL(focal distance)	5.25mm
	FOV(angle of field)	113 °
	IR(filter)	650±10nm
	Lens Construction (lens structure)	6P+IR
	Maximum resolution and frame rate (Maximum resolution and frame rate)	3840*3024(15fps)
	Other optional resolution ratio (Other optional resolution)	640*480(30fp) 、 1280*720(30fps) 、 1920*1080 (30fps) 、 3840*2160 (30fps) 、 3840*2880 (30fps)
	Support format (Supported format)	YUV / MJPG
	USB power supply voltage (USB power supply voltage)	5V±5% c
	Connect the interface (connector interface)	1 * USB-5pin-1.0mm sleeper (stacked with pins)
	Interface speed (Interface speed) Operating system request (Support for operating system)	480mb /s Windows XP/ VISTA/ Win 7/Win8/ Win10 / Linux 2.6.24 and and above Ubuntu, Mac OS 10.6 and above, and Android5.1 and above
	Power Consumption (Power)	Regular work : 3W
	storage temperature (Storage temperature)	0°C to 50 °C
	working temperature (Operating temperature)	- 10 °C to + 60 °

		PCB: (long) 100mm x (width) 30mm x (height) 1.6mm;
	structure size (Structural dimensions)	CAM:10.8mm x (width) 10.8mm x (height) 7.0mm (refer to structure drawing for specific dimensions)
Microphone parameters	Microphone type: (MicrophoneType)	Linear-type isometric array of the microphone
	Number of microphones: (MIC The numberof)	Eight
	SNR: (Signal to noiseratio)	74dB (in 7-11 m meeting room space, derived from practice results)
	Sensitivity: (Thesensitivity)	-26dB
	Pick-Up Distance: (Pick upfrom)	10 m (people speak normally, and the ambient sound is 40-50 db)
	Sample rate: (Samplingrate)	16KHz / 24 KHz / 48 KHz (full-duplex)

	Sampling number: (Samplingdigit)	16bit/48bit
	Support function	1. Echo cancellation (AEC) 2.180 ° transverse plane pickup, beamforming (Beamshaping) 3. Adaptive environment noise suppression (Environmental noisesuppression) 4. To Reverb (Dereverberation) 5. Sound sourcelocation (secondary SDK development) (Sound sourcelocation) 6. Adaptive human voice enhancement (Vocalenhanc ement) 7. Automatic Gain AGC δSNR<2.4dB (Volmax-Volmin): (AGC) 8, support voice wake-up (need to be customized development) (Voice wakeup) 9. Full-duplex uplink 16KHz downlink 24KHz voice call 10. Support the hardware HUB transfer camera 11, the camera support is 12 million / 13 million / 48 million **（ Supportfunctions ）**

	Algorithm features	1. Support supports synchronous collection of 6 + 2 voice channel data, with delay less than 10ms
		2, voice noise reduction, eliminate smooth and short-time stable noise, SNR gain:> 15 db
		3, support how much 4 + 2 ref voice echo elimination, SNR gain:> 40 db
		4, beam forming, target signal enhancement and interference suppression, SNR:> 15 db
		5, the local speech recognition, the recognition rate is> 95%
		6. Voice listening and target voice wake up, recall rate:> 95%, wake up rate is <1 time / 48 hours
	System compatible	Windows7 / 10; Andiro d7.0 and above
	connecting line	FFC
	joggle	USB * 2, power amplifier recovery * 1, sound pickup board connection * 2

5. Machine dimension drawing:

6. Standard random accessories (equipped with accessories according to the actual situation)

name	quantity
A 75-inch transparent LCD display cabinet	A
key	2 The
warranty card	1 This
certificate	1 Zhang
1.5 m power line	One root

7. Product physical drawings

Android 3288 configuration (optional)

Main hardware indicators	
CPU	The strongest R K 3288 is 1.8GHz Co rt e x-A 17 quad-core G PU M ail-T764
internal storage	DDR3 2G / 4G (stock is optional)
Built-in memory	EMMC 16G / 32G (stock is optional)
memory expansion	Up to 64GB of TF card expansion support
built-in ROM	2KB EEPROM
Decoding resolution	Top support is 3840 * 2160
operating system	Android 6.0.1
Play mode	Support loop, timing, slot and other playback modes
Network support	3G, Ethernet, support for WiFi, Bluetooth 4.0, wireless peripheral extension
Video play	support AVI(H.264、DIVX、DIVX、XVID)，rm，rmvb， MKV （H.264、DIVX、DIVX、XVID），WMV，MOV，MP4 (.H.264, MPEG, DIVX, XVID), DAT (VCD format), VOB (DVD format), PMP, MPEG,.MPG,， FLV (H.263，H.264), ASF, TS, TP, 3GP, MPG and other over 30 formats
picture format	Support JPG, BMP, PNG, GIF and other picture formats to browse

	and support rotation / slide play, maximum support to 4096 * 4096 resolution
The USB2.0 interface	2 USB HOST, 4 USB outlets
Mipi Camera	24pin FPC interface, support for 1300w Camera (optional)
gorge line	Default 3 TTL serial outlets (modified RS232 or 485)
GPS	External GPS (optional)
WIFI、BT	Built-in WIFI, BT4.0
3G	Built-in WCDMA, EVDO, 4G full netcom, support for voice calls
Ethernet	1,10M / 100M / 1000M adaptive Ethernet
TF block	Support TF card
LVDS output	1 single / dual way, can directly drive 50 / 60Hz LCD screen
EDP output	Can directly drive a variety of resolution EDP interface LCD screen
HDMI output	1, with support for 1080P@120Hz, and 4 kx 2 k @ 60 Hz output
HDMI in	HDMI input, 30pin FPC Custom interface (optional)
Audio and video output	Support the left and right sound channel output, built-in dual 8R / 5W power amplifier

Computer configuration (optional)

System	
CPU	Integrated Intel®Core™i5-4200M Processor.PGA946, dual-core four-thread, 2.50GHz main frequency, maximum core frequency 3.1GHz, 3MB SmartCache cache, IDP 37W processor

Chipset	Using Intel® HM87 chipset/ntel HM86 chipset (supports USB3.0 function)
Graphic interface	Support independent graphics card, InteI HD GRAPHICS (performance depends on independent graphics and CPU) supports 4K ultra-high definition video playback
Memory	1xDDR3 SO 204-DIMM slot (memory supports 1.35V) supports DDR3L-1333/1600 memory up to 32GB
Storage function	2x SATA 2.02XMINI PCI-E interface, one of which supports M-SATA state-of-the-art hard drive interface
Network functions	Onboard Realtek RTL8111E Gigabit network card chip
Audio function	Onboard Realtek ALC662 supports 5.1 channel and supports HD Audio Support audio input and output
Backplane 1/O	1x DC IN power connector 2x double-layer USB3.0 interface 1xMic(input) 1x HDMI port 1X LAN_RJ interface 1 x PHONE (output) 1x VGA port
Onboard 1/O	1xDC power supply 4Pin interface 1x front panel seeding needle 1X HDMI pin 2x7pin SATA 2.0 1x VGA H pin 1xSATA power pin 1xLVDS interface 2xCOM pin header 1XLVDS power supply interface 1x audio pin 2xUSB2.0 pins (can connect to 4 external USB2.0 interfaces) 1xCPU fan power socket 1x system fan power socket 1x backlight power supply interface

Optional modules and accessories

Single Android motherboard	Add the card to play a video or picture inside the card

High with Android motherboard	Touch interaction, edit the touch interaction software at will
The X86 computer system	WIN7 WIN10 System