

***HDFocus* Specification**

Self-ordering Floorstanding Kiosk

21.5 Inch Self-ordering Floorstanding Kiosk
HD-215F-T

1. Product Outlook



Overview



Back

2. Main Features

- ◆ High end design, perfect for self-ordering and queuing application;
- ◆ Full HD brand new original panel;
- ◆ Built in sensitive 10 points capacitive touch;
- ◆ Built in 80mm thermal printer, 58mm thermal printer(optional);
- ◆ Built in sensitive QR scanner(optional);
- ◆ Built in 2M/5M/8M pixels camera at the top middle(optional);
- ◆ Built in NFC module(optional);
- ◆ Windows 7, 8.1 and 10 trial version or Android OS (optional);
- ◆ Support Ethernet, WIFI network, and can customize 3/4G function;
- ◆ Industrial level design, support 24/7 working;
- ◆ CE, RoHS, TELEC and PSE certified
- ◆ ISO9001 and ISO14000 certified;

3. Display

Display Screen	21.5” TFT-LCD
Panel Backlight	LED Backlight
Display Ratio	16:9
Color	16.7M colors
Display area	477*268mm
Resolution	1920*1080
Brightness	350cd/m2
Contrast	≥ 1000:1
View Angle	89° left and right, up and down
Screen Response Time	14ms
Life time	Over 50000hrs

4. Windows motherboard performance

Client can choose from the Pro, Max or Maxplus version for the Windows motherboard, we also can customize other configurations, pls check with sales separately.

Configuration options	Pro version: Intel I3 CPU, 4 th Generation, DDR 3 4G RAM, 128G SSD(can expand).
	Max version: Intel I5 CPU, 4 th Generation, DDR 3 4G RAM, 128G SSD(can expand).
	Maxplus version: Intel I7 CPU, 4 th Generation, DDR 3 4G RAM, 128G SSD(can expand).
Graphics card	Intel® HD Graphics card integrated
WIFI	Support WIFI dual band 2.4G/5.2G
Windows OS	Windows7, 8.1, 10,11 trial version; Linux OS

Windows motherboard I/O Interface

USB	USB 2.0*2,USB3.0*2
HDMI Output	HDMI*2
VGA Output	VGA*1
MIC Audio Input	MIC Audio*1
Line Audio Output	Line*1
Network	RJ45*1, built-in Gigabit Ethernet
WIFI	WIFI*1, support 802.11 b/g/n

5. Android motherboard performance (optional)

Configuration options	Quad core Cortex-A55,RK3566, 1.8GHz, DDR4- 2G (can customize 4G), EMMC 16G (can expand to 64G)
	Quad core Cortex-A55,RK3568, 2.0GHz, DDR4- 2G (can customize 4G), EMMC 16G (can expand to 128G)
GPU	Mali-G52 GPU
Graphic Card	Integrated graphics card
Network Card	10/100M adaptive card
WIFI&Bluetooth	Support 2.4GHz WIFI and Bluetooth 4.2
4G Function	Can customize 4G function(optional)
OS	Android OS 11.0 and above

Android motherboard I/O Interface

USB	RK3566: USB 3.0*1 USB 2.0*1 RK3568: USB 3.0*2
HDMI Output	HDMI OUT*1
HDMI Input	HDMI IN*1(optional)
TF card slot	TF card slot*1
SIM card slot	SIM card slot*1 (optional)
Headphone Audio Output	Headphone Audio Output*1
Network	RJ45*1
WIFI	WIFI*1, support 802.11 b/g/n

6. Printer

Type	Thermal printer 58mm/80mm
Print width	576 dots
Resolution	203DPI
Print Speed	150mm/s(max)
Paper Width	79.5 ± 0.5 mm
Paper Thickness	60~120um
Print Baud Rate	9600,19200,38400,115200
Life	1 million times

7. QR Scanner

Sensor	CMOS
Resolution	640*480
Communicate Port	TTL232, RS232, USB(HID,CDC) available (need choose one of them, standard is USB port)
Format	2D, 1D
Accuracy	5 mil
Lighting	White LED
View Angle	Horizontal: 68°, Portrait: 51°

8. NFC

Support Card	MIFARE One (M1), S50 , S70 , NTAG2 the X- the X- series, Fudan F08 , the I - COD E-the X- and other types of label; the same time, also supports second-generation ID card, the city a cartoon, bank identification card
Supporting Agreement	ISO15693 , ISO14443-A , ISO14443-B , ISO 18092
Wave Special Rate	115200 bps
Reading Distance	20mm~60mm (depending on the tag and antenna)
Interface	USB\UART TTL

9. Camera

Sensor Type	CMOS
Pixel	2M/5M/8M pixels (optional)
Resolution	1920*1080
Field Angle	95°
Connect	USB 2.0

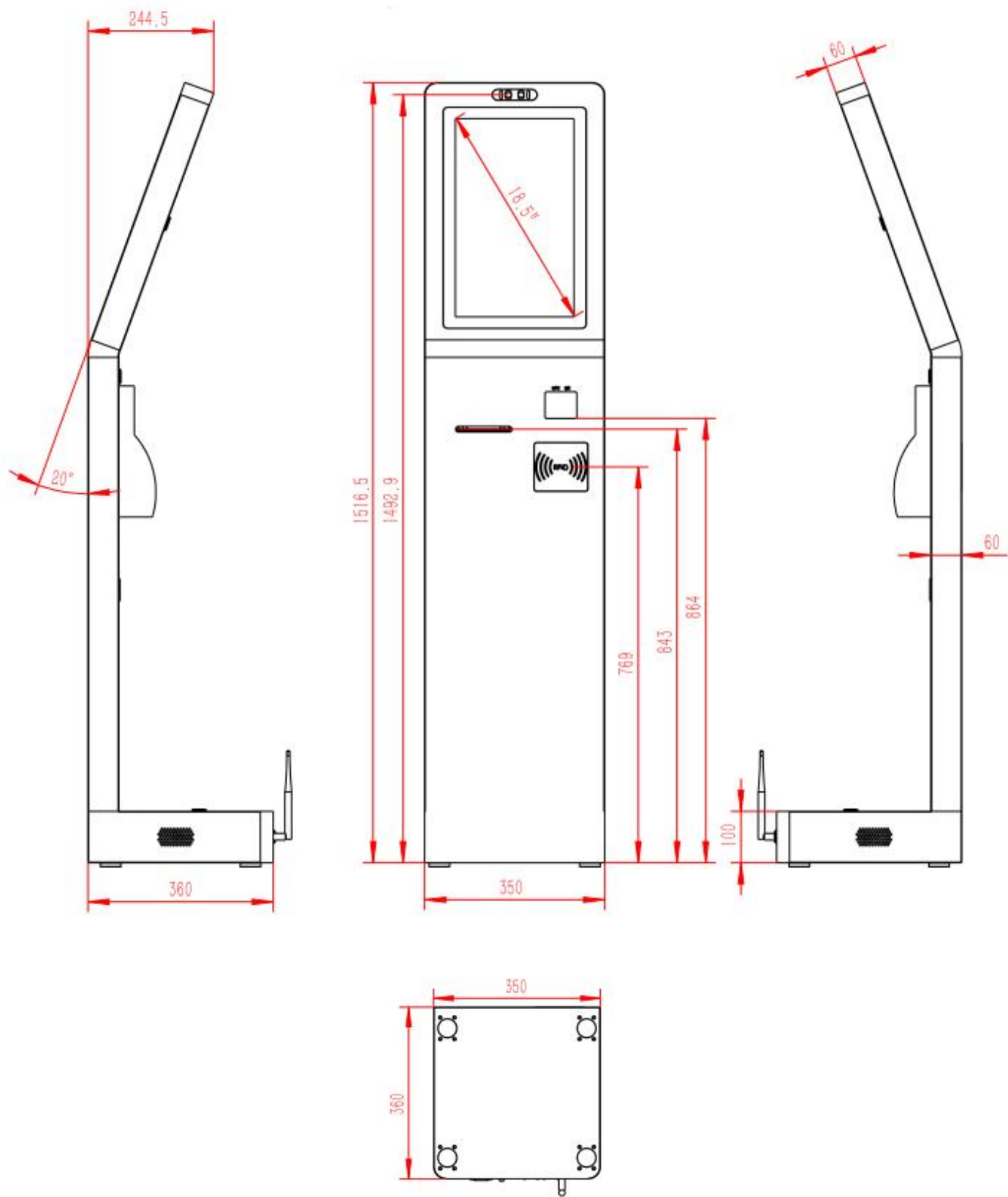
10. Touch

Touch Type	Capacitive Touch
Points	10 points
Touch Recognition	> 1.5mm(Finger, touch pen opaque objects)
Scanning Accuracy	4096*4096
Scanning Rate	200Hz
Response Time	Less than 5ms
Communication	USB2.0
Life Time	Over 80,000,000 touches

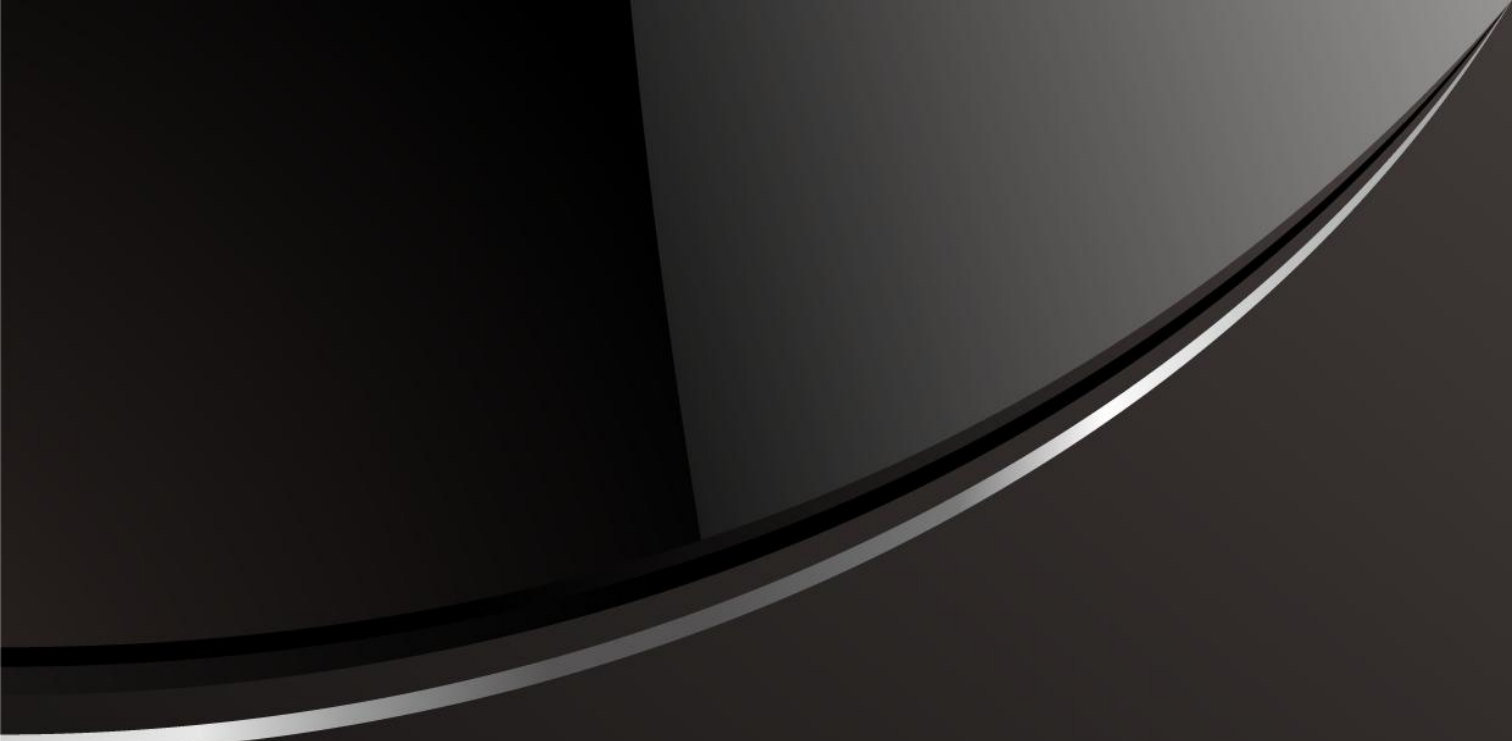
11. Others

Format	PAL, NTSC
Speaker	10W*2
Freestand Racker	Basement*1
Voltage	DC12V/AC100-240V 50/60Hz
Power	≤ 80W
Product Net Dimension	1516.5*360*350mm(reference value)
Gross Weight	25KG

12. Dimension



Above size based on 18.5", only for reference only



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