Diagram



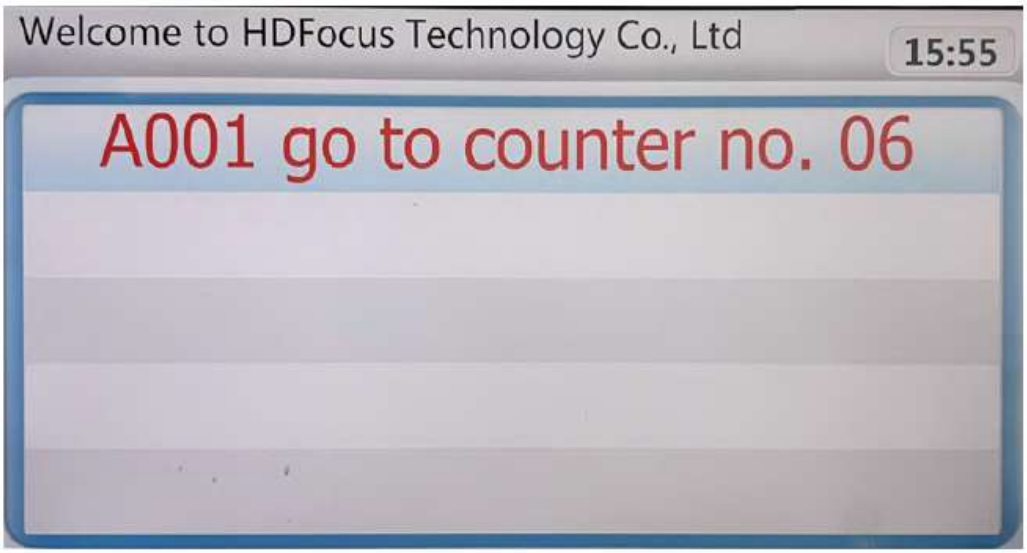
We offer a total solution for the queuing product, including hardware and software.

HD-QS version Queuing Software

Software Interface



Queue system display



HD-QS Key Features:

※Supports the number of services above 999, the number of Windows above 999, and the number of tickets with a length of more than 6 digits

※ Supports hierarchical display of services, and the number of pages is not limited

※ Can dynamically adjust each window to handle the business, support for each window to do business independently set priority , etc;

Wireless Transmitter

Product Outlook



Wireless Transmitter must work together with Wireless Speaker to offer the sound solution	
Product Name	Wireless Transmitter
Model	WX202
Dimensions	110X85X30mm
Operating voltage	12V DC
Antenna Length	105mm
Radio Frequency	UHF band(12 frequency points)
Transmission power	TYP 23DBM
No signal shutdown time	40minutes automatic activation
Operating current	TYP 100MA
Signal source	1K/600mVrms

Wireless Speaker

Product Outlook



Wireless Speaker must work together with Wireless Transmitter to offer the sound solution; but user also can use any third party speaker, only need to connect their speaker with the ticket kiosk audio output.

Product Name	Wireless Speaker
Model	LB1201
Transmission Distance	radius 150-200 M
Power Rate	6-10W
Sensitivity	91dB
Response Frequency	200HZ-18khz
Power supply voltage	220V AC
Speaker	6.5 inches
Radio frequency	UHF band transmitting
Transmission power	20dbM-23dbm
Volume	220*75mm
Opening size	180mm
Shell material	ABS+ metal mesh cover

Wireless Evaluator



Wireless Evaluator

Product	Wireless Evaluator
Model	PJ303
Features	4 buttons; 5-star display; can be embedded in employee cards
Voltage&Interface	5V; USB
Size&Weight	105 x 145 x 142mm; 250g
Material	Plastic casing



LCD Evaluator

Product	LCD Evaluator
Model	PJ4043
Screen	10.1" IPS HD screen; 1280x800 resolution with capacitive touch
CPU	RK3128; Quad core 1.2GHz
Storage	1GB RAM ; 16GB ROM
TF card	Support expend
System	Android 6.0
Camera	Front with 2M pixel
WIFI	Support 802.11/b/g/n
Interface	USB;HDMI;TF card slot; DC5V;earphone;RJ45
Power	12V2A
Size&Weight	249 x 179 x 117mm; 820g

Media Player

Product Outlook



Main Function: Media player can work together with any third party display with HDMI cable, such as TV display; if use Media player, then no need to use Main LED Display.

Product name	Media player
Model	J1800
power	DC12V
size	197*197*36mm
CPU	Intel® Celeron J1800
RAM	DDR3 2G RAM (can expand)
Storage	32G SSD(can expand)
Main Board	Industrial motherboard
Graphic Card	Integrated graphics card
Network Port	10/100M/1000M adaptive port
Windows OS	Win7/Win8/Win10
USB	USB2.0, USB3.0
HDMI Output	HDMI*1
VGA Output	VGA*1
MIC Audio Input	MIC Audio*1
Network	RJ45*1
WIFI	WIFI*1

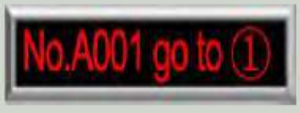
Main LED Display

Main LED display support multiple information;
Support for a single red or two-color, words can be customized for all size screen, support wireless data transfer mode.

Model	Picture	Display characters	Specification
LS2205		2 lines, each line 16 characters	Point spacing: 4.75 Pixels: 128×16 dots Size: 63.8×18.2×5.5cm LED diameter: Φ3.75
LS1205		2 lines, each line 16 characters	Point spacing: 7.62 Pixels: 128×16 dots Size: 100.6×27.4×5.5cm LED diameter: Φ5
LS2206		4 lines, each line 16 characters	Point spacing: 4.75 Pixels: 128×16 dots Size: 63.8×33.9×5.5cm LED diameter: Φ3.75
LS1206		4 lines, each line 16 characters	Point spacing: 7.62 Pixels: 128×16 dots Size: 100.6×51.8×5.5cm LED diameter: Φ5

Counter LED Display

Counter LED display support for a single red or two-color, words can be customized for all size screen, support wireless data transfer mode.

Model	Picture	Display Characters	Specification
LS2201		One line, 8 characters	Point spacing: 4.75 Pixels: 64×16 dots Size: 33.4×10.6×5.5cm LED diameter: Φ3.75
LS1201		One line, 8 characters	Point spacing: 7.62 Pixels: 64×16 dots Size: 51.8×15.2×5.5cm LED diameter: Φ5
LS2202		One line, 16 characters	Point spacing: 4.75 Pixels: 128×16 dots Size: 63.8×10.6×5.5cm LED diameter: Φ3.75
LS1202		One line, 16 characters	Point spacing: 7.62 Pixels: 128×16 dots Size: 100.6×15.2×5.5cm LED diameter: Φ5

LCD Call Terminal(optional)

Product Outlook



Specification	
Product name	LCD Call Terminal
Model	JH3063
Screen	10.1” IPS HD screen; 1280x800 resolution with capacitive touch
CPU	RK3288; Quad core 1.8GHz
RAM	2GB
ROM	16GB
System	Android 8.0
TF card	Support expend
WIFI	Support 802.11/b/g/n
Interface	USB;HDMI;TF card slot; DC5V;earphone;RJ45
Power	12V2A
Color	Black and White(optional)

Call Terminal

Product Outlook



Specification	
Product name	Call Terminal
Model	JH204
Screen	10-bit LCD segment code screen; The ticket number is six, and the waiting count is three
Operating voltage	DC-5V1A， can be directly plugged into the computer USB power supply
Physical address	1~998
frequency	433MHz, maximum reliable transmission radius within 500 meters
Channel	1~16
Ports	USB male and female head 1;
Weight	194.4g (including power supply)
Size	133 x 85 x 27 mm

6. NFC (optional)

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

7. Touch

Touch Type	Capacitive Touch
Points	10 points
Response Time	Less than 5ms
Position Accuracy	±1.5mm
Life Time	Over 60,000,000 touches

8. Others

Input voltage	AC 220V 50Hz
Signal output	433 MHZ. 20dBm; 100 mw ∽ 3 w; Transfer radius 150 m to 300 m
Weight	46kg
Size	1497×400×430mm
Working Temperature	0— 40 ℃
Color	Black or White, can customize

4. Windows OS Performance

CPU	Intel® I5 CPU 4th generation(can customize)
RAM	DDR3 4G RAM (can customize)
Storage	128G SSD(can expand)
Main Board	Industrial motherboard
Graphic Card	Integrated graphics card
Network Port	10/100M/1000M adaptive port
Windows OS	Win7/Win8/Win10

5. Printer

Type	Thermal printer 80mm
Print width	576 dots
Resolution	203DPI
Print Speed	200mm/s(max)
Paper Width	79.5 ± 0.5 mm
Paper Thickness	60~120um
Print Baud Rate	9600,19200,38400,115200
Life	1 million times

2. Main Features

- ◆Brand new original panel with LCD backlight;
- ◆Sensitive 10 points capacitive touch;
- ◆Built in 80mm thermal printer,Sensitive QR scanner(optional), NFC module(optional);
- ◆Database management: data backup and restore; Ticket collecting sub-system: provide information entry, number allocation, printing small ticket function;
- ◆Call subsystem: to allocate customers to specific service Windows through business rules and procedures;
- ◆Display subsystem: realize the basic information of the ticket is displayed on the LED screen or LCD screen to remind customers;
- ◆Voice subsystem: realize voice reminder, voice broadcast ticket number to the window or other types of room, etc.
- ◆Evaluation subsystem: conduct satisfaction survey on staff's attitude and efficiency to provide the basis for improving staff's work efficiency;

3. Display

Display Screen	17” TFT-LCD
Panel Backlight	LED Backlight
Color	262K colors
Display area	367.2(W)×229.5(H) mm
Resolution	1440*900
Brightness	300cd/m2
Contrast	400:1
View Angle	70° left and right, 60° up and down
Screen Response Time	12/4 (Tr/Td) ms
Life time	Over 50000hrs

1. Ticket Kiosk

Model: HD-17F

Product Outlook



Front



Rear