

# INTERACTIVE FLOOR MOUNT SERVICE KIOSK

**INDUSTRIAL GRADE**

## WINDOWS KIOSK



### Key Features

- **Windows | Linux**
- **Core i5 | Core i7 CPU**
- **8 GB | 16 GB Ram**
- **10 points Capacitive Touch**
- **Built-in Audio**
- **Built-in Wi-Fi**
- **80 mm Kiosk Printer**
- **QR Code Scanner**

### Application Area

Healthcare | Educational Institutions  
Hotels & Restaurants | Financial Institutions  
Entertainment Zone | Corporate Area  
Shopping Malls | Reception and Lounge Area



Sizes Available

21.5 | 24 | 32

## Display Panel Specifications

Features	Model No. 215T-FMSKPM	Model No. 238T-FMSKPM	Model No. 321T-FMSKPM
<b>Panel Size</b>	21.5 inch	23.8 inch <b>(Industrial Grade) - 24 x 7</b>	32 inch <b>(Industrial Grade) - 24 x 7</b>
<b>Panel Type</b> (LED Backlit)	TFT LCD with Touch	Active Matrix TFT-LCD with Touch	Active Matrix TFT-LCD with Touch
<b>Resolution</b>	1080 x 1920	1080 x 1920 @60Hz	1080 x 1920 @60Hz
<b>Contrast Ratio</b>	1000 : 1	3000 : 1	3000 : 1
<b>Viewing Angle</b>	178°	Horizontal (Left/Right) CR ≥ 10, 89°/89° Vertical (Up/Down) CR ≥ 10, 89°/89°	Horizontal (Left/Right) CR ≥ 10, 89°/89° Vertical (Up/Down) CR ≥ 10, 89°/89°
<b>Luminance</b>	300 nits	350 nits with PCAP 340 nits	400 nits with PCAP 390 nits
<b>Aspect Ratio</b>	16 : 9	16 : 9	16 : 9
<b>Display colors</b>	16.7 M	16.7 M	16.7 M
<b>Display mode</b>	Transmission mode	Transmission mode	Transmission mode

## Touch Screen Parameters

<b>Touch Technology</b>	PCAP	PCAP	PCAP
<b>Cover Glass Treatment</b>	Strengthened	Strengthened	Strengthened
<b>Cover Glass Surface Treatment</b>	Optional : Anti-Glare	Optional : Anti-Glare	Optional : Anti-Glare
<b>Input / Output</b>	VGA, HDMI, USB (type B)	VGA, HDMI, USB (type B)	VGA, HDMI, USB (type B)
<b>Impact Resistance Level</b>	IK08	IK08	IK08
<b>Active Area (W x H) mm</b>	268.11 x 476.64 ± 0.3	528.0 x 297.5 ± 0.3	698.4 x 392.8 ± 0.3
<b>Thickness (Total) mm</b>	5.4 ± 0.3	5.4 ± 0.3	5.4 ± 0.3
<b>Light Transmission</b>	≥ 85%	≥ 85%	≥ 85%
<b>Response Time</b>	10 ms	10 ms	10 ms
<b>Touch Screen Interface</b>	USB	USB	USB
<b>Touch Point</b>	10	10	10
<b>Operating Temperature</b>	0 °C - +50 °C	0 °C - +50 °C	0 °C - +50 °C
<b>Storage Temperature</b>	-20 °C - +60 °C	-20 °C - +60 °C	-20 °C - +60 °C
<b>Operating Ambient Humidity</b>	10%RH - 80%RH	10%RH - 80%RH	10%RH - 80%RH
<b>Storage Humidity</b>	10%RH - 80%RH	10%RH - 80%RH	10%RH - 80%RH
<b>Response Time (Typ.)</b>	10 ms	10ms	16 ms
<b>Certifications / Approvals</b>	BIS, GeM (OEM)	BIS, GeM (OEM)	BIS, GeM (OEM)
<b>Warranty</b>	<b>1 year</b>	<b>1   3 year</b>	<b>1   3 years</b>

## Electrical & Physical Specifications

Electrical & Physical specification			21.5"	24"	32"
<b>Input Power Supply</b>	220 V - 240 V 1 Ph. 50 Hz	Dimensions (W x D x H)	355 x 150 x 912 (mm)	355 x 150 x 912 (mm)	355 x 150 x 912 (mm)
<b>Operating Voltage</b>	12 V DC	Base (W x D x H)	500 x 450 (mm)	500 x 450 (mm)	500 x 450 (mm)
<b>Standby</b>	0.5 W	Gross Weight	-	-	-
		Cabinet Material	MS	MS	MS

## Hardware Specifications

<b>CPU &amp; Chipset</b>	Intel Core i3 / i5   RK 2.2 Ghz & above 64 bit high performance CPU
<b>GPU</b>	Intel HD Graphics   Mail-G55/T864/T764 (Optional) high performance GPU
<b>Memory</b>	Windows 8 GB   16 GB / Android 4 GB   8 GB (Optional)
<b>Built-in storage capacity</b>	Windows 256 GB   512 GB / Android 64 GB   128 GB (Optional)
<b>Network</b>	Adaptive 10/100 mbps   100/1000 mbps Ethernet
<b>Wifi</b>	Support 2.4G / 5G, Wi-Fi, support Wi-Fi 802.11b/g/n protocols
<b>Image rotation</b>	Support manual rotation of 0 degree, 90 degree, 180 degree, 270 degree
<b>HDMI</b>	HDMI (Out) / HDMI (In) optional
<b>Audio</b>	5W x 2 speakers
<b>Power amplifier</b>	2 outputs (8 ohms, 10 watts dual audio amplifier output with Android)
<b>Microphone</b>	Differential MIC input
<b>Touch screen (Optional)</b>	Support USB multi-point capacitive touch
<b>USB</b>	2 x USB (USB 3.0)
<b>Infrared</b>	Support infrared remote control function with Android
<b>LED</b>	1* power status, 1* system LED
<b>Bluetooth</b>	Support 4.2 and above with Android
<b>I/O</b>	Support IO input and output control, can be used as key scanning control
<b>Power Adapter</b>	Input : AC 100-240 V 50-60 HZ, Earthing : ideal $\leq 1 \Omega$ (Ohm)
<b>Optional hardware</b>	Camera, Sensor, QR Scanner, Printer etc.

## WINDOWS | ANDROID Software specifications

<b>Operating system</b>	Android   Windows   Linux (Optional)
<b>Audio</b>	Mp3, WMA, WAV, APE, FLAC, AAC, OGG, M4A, 3GPP and other formats
<b>Video</b>	Support AVI, rm, rmvb, MKV, WMV, MOV, MP4, DAT, PMP, MPEG, MPG, FLV, ASF, TS, TP, 3GP, MPG and other formats
<b>Image</b>	Support various image formats such as JPG, BMP, PNG
<b>System comes with application software</b>	EXE Installer, Calculator, Browser, Calendar, Settings, Clock. Android : APK Installer, Video Player, Search, Contacts, Gallery, Download, Camera, Music, Explorer, etc.
<b>Language</b>	Support multi-language
<b>Input method</b>	Standard Windows, Android Touch Keyboard with optional third-party input method
<b>Android System Management</b>	Original ecological Android system, open root permissions, and can customize product development Real-time remote monitoring, system crash self-recovery, unattended 16 x 7 hours (24 x 7 Optional) Support OTA remote upgrade; support U disk upgrade Support server / stand-alone mode switching Support WI-Fi hotspot
<b>System watchdog</b>	Support software watchdog (Android)

# INTERACTIVE FLOOR MOUNT SERVICE KIOSK Specification

## Product Introduction

FP302 is a kind of 3 inch panel mounted (mounting in front panel of the device) printer, can print 58 mm and 80 mm paper width. This is most used as Kiosk Printer in Queue management system, self-ordering kiosk, visitor attendance terminal, ticket vendor, information kiosk, check-in kiosk, vehicle-mounted ticket vendor and more. This printer has paper jam detection system, support easy paper loading option by a front switch panel with a speed of 250 mm/s. This thermal printer supports all Operating system like Android, Windows, Linux/Ubuntu. The connectivity is as easy like using a 2 pin connector / USB / RS 232 for easy operations.



## Features

- Brand name printer mechanism & auto cutter
- Rugged industrial shell
- Ultra fast speed 250 mm/s
- Multi-position location hole mounting
- Patented "anti-block" ticket system
- Suitable for vehicle-mounted environment
- Adjustable bucket for 58/80 mm width roll
- Available customized



## Specification

Printer Method	Thermal dot line
Dots/line	576 dot/line
Resolution (dots/mm)	8 sot/mm
Cutting method	Full/partial
Paper width	58 mm or 80 mm
Printing width	72
Roll diameter max	Ø80 mm
Paper thickness	0.052~0.12 mm
Printing speed	250 mm/s
Paper loading method	Easy loading
Printer head	Thermistor
Paper end	Photo interrupter
Working voltage (Vp)	DC 24V
Power consumption	2A (average)
Peak current	6.5A
Interface	RS-232C/USB
Commands	ESC/POS
Driver	Windows/Linux/Android/Raspberry Pi
Cutter life	1,500,000
Pulse	100,000,000
Work temperature	-10~50 °C

Work humidity	20% 85%RH
Storage temperature	-20~60 °C
Storage humidity	10~90%RH
Printing length (km)	Over 150
Dimension (mm)	127 x127 x 100
Weight (g)	900 (without paper roll)

Other Floor Mount Standee



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