



**Revolutionary**

**SERP**

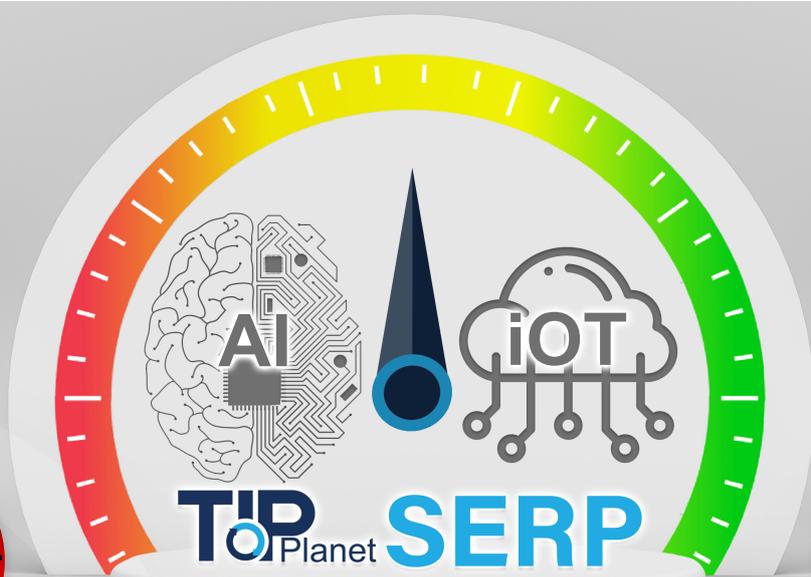
**Integrated**

**TOUCHLESS  
BIOMETRIC DEVICES**

Hi Jack,

You still have  
pending work  
for the day, do  
you want to  
still check  
out?





**5th GEN. WORKLOAD BALANCER**



Multi-dimensional Organisation Charts



Roles & Skills Optimization



Cost Control



Roster Settings



Activity Management

**TIP Planet AHALTS**

**TIP Planet Touchless Biometric Security (Reduces Germ Spreading)**



FACIAL RECOGNITION

WIDE ANGLE

RECOGNITION WITH MASK

ARTIFICIAL INTELLIGENCE

BODY TEMPERATURE DETECTION



**TIP Planet Access Control Solutions**

FACIAL RECOGNITION BASED CONTROL

INSTANT ACCESS IN JUST 0.3 SECONDS

BODY TEMPERATURE DETECTION

**CCTV Surveillance and Thermal Scan**

LONG RANGE

THERMAL SCAN



## ABOUT TIPTOP PLANET

We Provide applications that Help businesses to reinvent and transform to build Strategic Workforce.

Our Patented SERP (Services Effectiveness Resources Planning ) Solution instantly analyzes and gives you a snapshot of how well your workforce are synchronized from planning, hiring, activity forecasting, scheduling , incidental delegation of activity assignments to get effective performance .

This solution is helping organizations in reducing 10 -50 % direct manpower cost as soon as it is deployed and Analytics is run and you fine tune our workload balancer Workforce Tuning Index.

AHALTS devices are intelligent, Touch less biometric IOT devices that would help in time and attendance , tracking of personnel while ensuring health and safety of the people . .

Our AI driven Delegation helps in cognitive activity allocation and roster analytics and rescheduling if there is variation in any planned and actual availability of personnel by real time monitoring their required work location to actual physical location, work hours against shift hours , work time to actual time , work roles and skills requirements to their actual roles and skills leading to efficient and effective workforce at all times.

"Current solutions do not have a Cognitive Workload Balancer That coherently balance in real time Workforce Cost, Efficiency and effectiveness in real world scenario as they rely on LAG or LEAD methods but modern workforce management requires a real time monitoring and delegations and a constantly changing workforce ecosystem .

**So, do you have a real time insight of how well balanced your organization is at this current moment at a click of button ?"**

# TOUCH SCREEN KIOSK FUNCTIONING



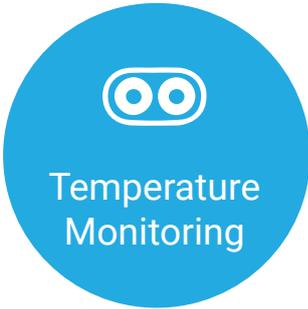
## TTPFR21.5

ALL in One Touch screen Kiosk TTPFR21.5 is a revolutionary equipment that has a Display board, face recognition terminal, Health and hygiene station that can check mask, temperature and has a sanitizer , it also has integration with attendance and access control device. The device also operates as a interactive touch screen kiosk where you can use multiple android applications and web applications enabling it to function as a all in one machine as a workplace and self service portal for employees and customers .

This revolutionary device is a product of years of research of Tip Top R&D teams. It is first of its kind equipment that can be widely applied in multiple scenarios, such as enterprises, Hospitals, Airports, Railway stations, Information centres , Restaurants, Hotels, Malls , shops , dwellings, factories, schools, campus and so on.

The panel works as a revenue generation machine displaying advertisement and promotions when idle.

TOUCH-FREE



Temperature Monitoring



Sanitizer Dispensing



Facial Recognition



Access Control



**SERP**

SERP Integrated



HD Camera



Android



IP65



100,000 Face Storage



Time and Attendance



Content Display



21.5 HD Display



Email/Task



Dual Mounting Pedestal/Wall



Modular Design



Wifi

			TTP - TSK- 21.5	TTP - TSK- 21.5 -FR	TTP - TSK- 21.5 FRT
Hand sanitizer	function	Automatic intelligent sensing	✓	✓	✓
	capacity	1L	✓	✓	✓
PACP touch	poits touch	10-Point capacitive touch screen	✓	✓	✓
System (Option One )	WiFi	150M WiFi 802.11 B/G/N included	✓	✓	✓
	CPU	Dual core cortex A7, 1.8G, A20	✓	✓	✓
	RAM	1GB	✓	✓	✓
	Internal memory	8GB	✓	✓	✓
	Interface	USB2.0x4, RJ45 x1 , audio x1 ,HDMI output x 1	✓	✓	✓
	Operation system	Android 4.2	✓	✓	✓
System (Option Two)	WiFi	150M WiFi 802.11 B/G/N included	✓	✓	✓
	CPU	Quad core cortex A17, 1.8G, RK3288	✓	✓	✓
	RAM	2GB	✓	✓	✓
	Internal memory	8GB	✓	✓	✓
	Interface	USB2.0x4, RJ45 x1 , audio x1 ,HDMI output x 1	✓	✓	✓
	Bluetooth	Bluetooth 4.0	✓	✓	✓
	Operation system	Android 7.1	✓	✓	✓
System (Option Three)	WiFi	150M WiFi 802.11 B/G/N included	✓	✓	✓
	CPU	Quad core cortex A17, 1.8G, RK3288	✓	✓	✓
	RAM	4GB	✓	✓	✓
	Internal memory	32GB	✓	✓	✓
	Interface	USB2.0x4, RJ45 x1 , audio x1 ,HDMI output x 1	✓	✓	✓
	Bluetooth	Bluetooth 4.0	✓	✓	✓
	Operation system	Android 7.1	✓	✓	✓

Media plays	Video format	MPEG-1, MPEG-2, MPEG-4, H. 263, H. 264, RV etc., support up to 1080p	✓	✓	✓
	Audio format	MP3/WMA/AAC etc.	✓	✓	✓
	Photo	jpeg	✓	✓	✓
Others	Power consumption	120W	✓	✓	✓
	Speaker	2*5W	✓	✓	✓
	Camera	N/A	✓	✓	✓
	Working temp	0--50degree	✓	✓	✓
	Power	AC100-240V	✓	✓	✓
Accessories		Power cable	✓	✓	✓
Accessories		User manual	✓	✓	✓
Camera	Resolution	2 million pixels	✗	✓	✓
	Type	Binocular wide dynamic camera	✗	✓	✓
	Aperture	F2.4	✗	✓	✓
	Focusing Distance	50-150cm	✗	✓	✓
	White balance	Auto	✗	✓	✓
	Photo flood light	LED and IR dual photo flood light	✗	✓	✓
			✗	✓	✓
Processor	CPU	RK3288 quad-core (optional RK3399 six-core, MSM8953 eight-core)	✗	✓	✓
	Storage	EMMC 32G	✗	✓	✓
Interface	Network module	Ethernet and wireless (WIFI)	✗	✓	✓
	Audio	2.5W / 4R speakers	✗	✓	✓
	USB	1 USB OTG, 1 USB HOST standard A port	✗	✓	✓
	Serial Communication	1 RS232 serial port	✗	✓	✓
	Relay output	1 door open signal output	✗	✓	✓
	Wiegand	One Wiegand 26/34 output, one Wiegand 26/34 input	✗	✓	✓
	Upgrade button	Support Uboot upgrade button	✗	✓	✓
	Wired network	1 RJ45 Ethernet socket	✗	✓	✓
Function	Credit card Reader	None (optional IC card reader, ID card, ID card)	✗	✓	✓
	Facelibrary	Up to 30,000	✗	✓	✓

	1: N face Recognition	Support	✘	✔	✔
	1: 1 face Comparison	Support	✘	✔	✔
	Mask Detection	Support	✘	✔	✔
	Stranger Detection	Support	✘	✔	✔
	Identify distance Configuration	Support	✘	✔	✔
	Upgrade Remotely	Support	✘	✔	✔
	Interface	Interfaces include device management, personnel / photo management, record query, etc.	✘	✔	✔
	Deployment Method	Support public cloud deployment, privatized deployment, LAN use, stand-alone use	✘	✔	✔
Infrared Thermal Imaging Module	Temperature Detection	Support	✘	✘	✔
	Temperature detection support	1 meter (optimal distance 0.5 meter)	✘	✘	✔
	Temperature Measurement Accuracy	$\leq \pm 0.5^{\circ}\text{C}$	✘	✘	✔
	Temperature Management Range	$10^{\circ}\text{C} \sim 42^{\circ}\text{C}$	✘	✘	✔
	Pixels	32 X 32 dots (total 1024 pixels)	✘	✘	✔
	Visitors Temperature is normal and released directly	Support	✘	✘	✔
	Abnormal Temperature Alarm	Support (temperature alarm value can be set)	✘	✘	✔
General Parameters	Power	Power DC12V ( $\pm 10\%$ )	✘	✘	✔
	Operating Temperature	$0^{\circ}\text{C} \sim 40^{\circ}\text{C}$	✘	✘	✔
	Storage Temperature	$-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$	✘	✘	✔
	Power Consumption	13.5W (Max)	✘	✘	✔
	Installation method		✘	✘	✔
			✘	✘	✔

# TTPFR08



Camera	Resolution	2 million pixels
	Type	Binocular wide dynamic camera
	Aperture	F2.4
	Focusing distance	50-150cm
	White balance	auto
	Photo flood light	LED and IR dual photo flood light
Screen	Size	8.0 inch IPS LCD screen
	Resolution	800×1280
Processor	Touch	Not supported (optional support)
	CPU	RK3288 quad-core (optional RK3399 six-core, MSM8953 eight-core)
	Storage	EMMC 8G

Interface	Network module	Ethernet and wireless (WIFI)
	Audio	2.5W / 4R speakers
	USB	1 USB OTG, 1 USB HOST standard A port
	Serial communication	1 RS232 serial port
	Relay output	1 door open signal output
	Wiegand	One Wiegand 26/34 output, one Wiegand 26/34 input
	Upgrade button	Support Uboot upgrade button
	Wired network	1 RJ45 Ethernet socket
Function	Credit card reader	None (optional IC card reader, ID card, ID card)
	Face library	Up to 30,000
	1: N face recognition	Support
	1: 1 face comparison	Support
	Stranger detection	Support
	Identify distance configuration	Support
	UI interface configuration	Support
	Upgrade remotely	Support
	Interface	Interfaces include device management, personnel / photo management, record query, etc.
	Deployment method	Support public cloud deployment, privatized deployment, LAN use, stand-alone use

Infrared thermal imaging module	Temperature detection	Support
	Temperature detection distance	1 meter (optimal distance 0.5 meter)
	Temperature measurement accuracy	$\leq \pm 0.5^{\circ}\text{C}$
	Temperature measurement range	$10^{\circ}\text{C} \sim 42^{\circ}\text{C}$
	Pixels	32 X 32 dots (total 1024 pixels)
	Visitors' temperature is normal and released directly	Support
	Abnormal temperature alarm	Support (temperature alarm value can be set)
General parameters	Power	DC12V ( $\pm 10\%$ )
	Operating temperature	$0^{\circ}\text{C} \sim 40^{\circ}\text{C}$
	Storage temperature	$-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$
General parameters	Power consumption	13.5W (Max)
	Installation method	Gate bracket installation
	Size	Standard: 274.24*128*21.48 (mm)
IC card / ID card: 296.18*132.88*25 (mm)		
Packing list	Machine * 1, power adapter * 1, manual * 1, certificate of conformity * 1	

# TTPFR05

For facial recognition, it can detect and track 5 persons simultaneously shown on the screen and the accuracy can reach 99.99% with less than 0.7 seconds recognition speed.



## FEATURES

SERP integration

Live detection

Stranger detection

1,000 facial capacity(optional 2,000/5,000)

Adjustable detecting distance

Remote upgrade

Support WAN and LAN

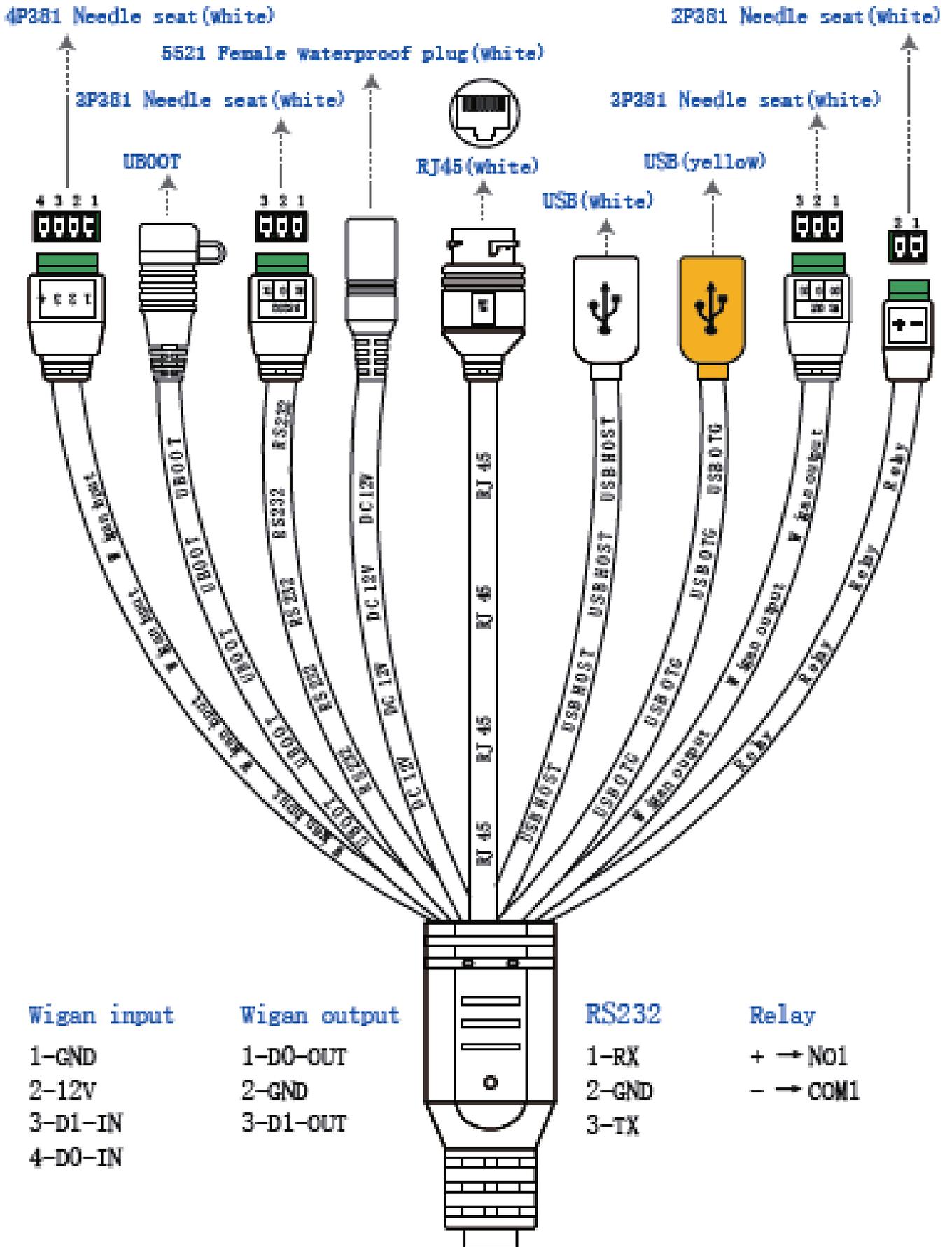
Three modes of identification: Face, card or face & card

## TECHNICAL SPECIFICATIONS

<b>Dimension</b>	195*85*32mm	
<b>OS</b>	Android 8.1 with Octa-core 1.5Ghz CPU, GPU support	
<b>Memory</b>	2GB RAM and 8GB ROM	
<b>Screen</b>	5 inch IPS screen with 80*480 resolution	
<b>SERP Integration</b>	True	
<b>Face Verification</b>	Single, and Multi face	
<b>Detecting Distance</b>	0-4 meters, adjustable	
<b>Cameras</b>	RGB camera & Infrared camera	
<b>RGB camera</b>	Capture sensor	Progressive scan CMOS
	Resolution	×1600 1200
	Field angle	51°
	Focal length	3.5 mm
	Aperture	F2.8
	White balance	support
	Exposure	support
	Resolution	2.0 Mega Pixels

<b>Infrared camera</b>	Capture sensor	Progressive scan CMOS
	Resolution	1600 1200
	Field angle	51°
	Focal length	3.5 mm
	Aperture	F2.8
	White balance	support
	Exposure	support
	Resolution	2.0 Mega Pixels
<b>Interface support</b>	RS-232 & RS-485; TCP/IP	
	Wiegand 26/34 output	
	2 Alarm inputs	
<b>Verification time</b>	<0.7s	
<b>Communication</b>	TCP/IP; WIFI (Optional)	
<b>Card</b>	Support IC Card (13.56Mhz)	
<b>Protection</b>	IP 42	

## 2. Port description



## CONTACT US

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