



SP-100

Self-Service Scan Kiosk

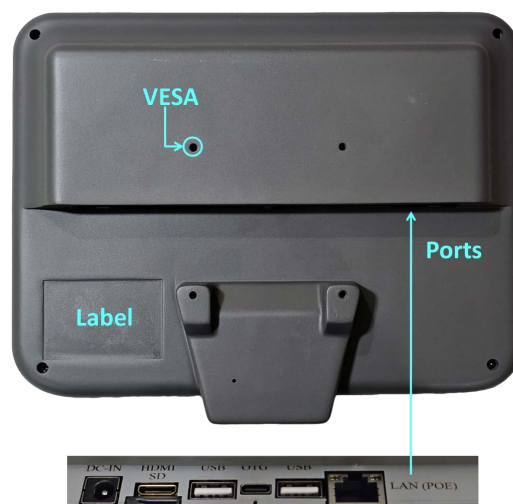
SCANTECH ID[®]
CHAMPTEK Group

Introduction

The SP-100 is an economic 10.1" self-service Kiosk model with barcode scanning input provides customers to develop easy access to product and price information, or diversified applications in self-service, ID identification service, multimedia service, digital signage and your customized interactive applications and services in every environment of retail, transportation, medical care, hospitality areas. SP-100 achieves powerful performance with a fast quad-core CPU and the Android 13 operating system. Moreover, it supports Bluetooth 5.0, 2.4G and 5G WLAN making it versatile for various business environments and service in good price budget.

Feature Keynotes

- Quad-core CPU, 4GB DDR4 and 32GB eMMC
- 10.1-inch LCD display with capacitive multitouch screen for intuitive user interaction
- Android 13 or Linux operating system
- Ethernet LAN and WIFI 2.4G & 5G network connectivity
- Data Input: 2D imager barcode scanner
- External ports: USB Type-A x 2, USB Type-C x1, HDMI x1 and 1 SD card slot for peripheral expansion
- Support 75x75mm VESA mount for mounted on walls, poles, or tabletops
- Scalable options in PoE, Bluetooth audio
- SDK supported



System Specifications

• Processor

ARM Quad-core CPU

• Operating System

Android 13 or Linux Debian 11 , Kernel 5.10

• Display

Size	10.1" HD
Active Area	217x136mm (WxH)
Aspect Ratio	16:10
Resolution	1280x 800 pixels
Touch Screen	Capacitive type

• Memory

RAM	4GB DDR4
Internal Storage	32GB eMMC
External Storage	USB flash disk (not included)

• Data Capture

Barcode Scanner	2D barcode scanner
Light source	White color illumination
Resolution	0.1mm/4mil UPC, 10mil 2D barcode

• Data Communication

Wired LAN	Gigabit Ethernet 802.3, with activity LEDs Power over Ethernet 802.3af (optional)
Wireless LAN(Optional)	802.11 a/b/g/n/ac, 2.4GHz and 5GHz dual band
Encryption Protocol	WPA, PSK and WPA Enterprise security
Bluetooth	Bluetooth 4.0

• Development SDK

Software Development Kit (SDK) to develop application

• Warranty

Subject to the terms of Champtek's hardware warranty statement, the SP-100 is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment

• Dimension

HxWxD 268 x 215x 42 mm

• Weight

Approx. 710 g

• Peripheral (External Ports)

USB Type-A x2, Type-C x1, SD Card Slot, HDMI, RJ45 Ethernet, Power DC-in Jack

• Power

DC 12V/2A Power Adapter or optional Power over Ethernet 802.3af

• Multimedia

Audio Output	Loudspeaker 2W 8ohm x 2
Image Format	PNG, JPEG, GIF, BMP
Audio Format	WAV , WMA, MP3
Video Format	MPEG-4, H.264

• Environmental

Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	up to 95% RH (non-condensing)

• Regulatory

CE, FCC

• Accessories

Power Adapter
75x75mm VESA mounting set

The specifications are subject to change without prior notice, for complete details and update-to-date product information, please contact your sales representative.