



SP-100

Self-Service Scan Kiosk

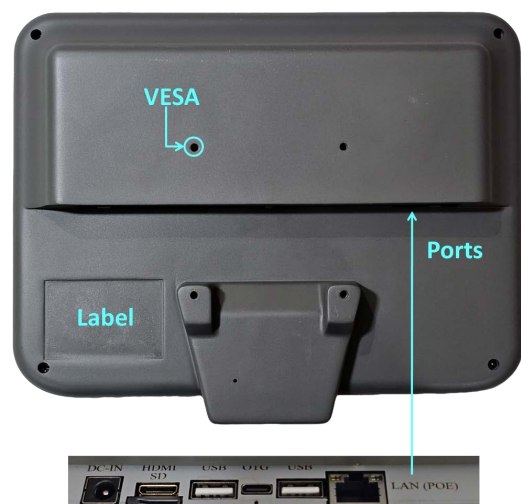
SCANTECH ID[®]
CHAMPTEK Group

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 2.4G 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 operating system
- Ethernet LAN and WIFI 2.4G 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

• 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

• Network Communication

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

• 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 WAV,
Audio Format	WMA, MP3 MPEG-4, H.264
Video Format	

• 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.

FCC warning statements:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.