



SP-80

Self-Service Scan Kiosk

SCANTECH ID[®]
CHAMPTEK Group

Introduction

The SP-80 is an 8" Android based self-service Kiosk 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-80 achieves powerful performance with Linux operating system. Moreover, it supports 2.4G and 5G WLAN making it versatile for various business environments and service in good price budget.

Feature Keynotes

- 8-inch LCD display with capacitive multitouch screen for intuitive user interaction
- Android operating system
- Ethernet LAN and WIFI 2.4G & 5G network connectivity
- Data Input: 2D imager barcode scanner
- External ports: USB Type-A x1, SD Card Slot x1, RJ45 Ethernet x 1, Power DC-in Jack
- Optional addition : USB Type-A x 1, USB Type-Cx1, Exitgate GPIO
- Support 75x75mm VESA mount to mount on wall, pole or shelf
- Scalable options in PoE



System Specifications

• Processor

ARM Dual-core CPU

• Operating System

Android 15

• Display

Size	8"
Active Area	154x86mm / 176.64x99mm
Aspect Ratio	16:10
Resolution	1024x 600 pixels
Touch Screen	Capacitive type

• Memory

RAM	4GB DDR
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

• Application

Built in the Web Price Checker application.

• Warranty

Subject to the terms of Champtek's hardware warranty statement, the SP-80 is warranted against defects in workmanship and materials for a period of 2 years from the date of shipment

• Dimension

HxWxD 230 x 175 x 43 mm

• Weight

Approx. 510 g

• Peripheral (External Ports)

USB Type-A x1, SD Card Slot x1, RJ45 Ethernet x 1, Power DC-in Jack
Optional : USB Type-A x 1, USB Type-Cx1, Exitgate GPIO

• Power

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

• Multimedia

Audio Output	Loudspeaker 1W 8ohm x 1
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)

• Certificate

CE, Google GMS and SOTI MDM are in process

• 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.