



SK-100 Lite

SCAN KIOSK Model 100

SCANTECH ID[®]
CHAMPTEK Group

Introduction

The SK-100 Lite is a multifunction scan kiosk designed for diversified applications in self-service, ID identification, information service, multimedia service, digital signage and your customized interactive applications and services in every environment of retail, transportation, medical care, hospitality and office building. SK-100 Lite is the best self-service kiosk solution with powerful hardware, open platform of Linux or Android, and flexible hardware options in compact body. It comes with security protected web-based management tools allowing easy management from remote. SK-100 Lite brings productivity, efficiency and convenience to your business and service in good price budget.

Technical Feature Keynotes

The SK-100 Lite is built with hardware capability of:

- 10.1-inch LCD display with capacitive multitouch screen
- Linux or Android operating system
- LAN and WIFI network connectivity in option
- 2D imager scanner, NFC reader in option
- Scalable options in PoE, video camera, Bluetooth audio
- Audio and video streaming or playback
- HDMI feature is disable
- 3 USB ports for peripheral expansion (barcode scanner, smartcard reader, printer, keyboard, mouse, flash disk)

SK-100 Lite

Application Keynotes

The SK-100 Lite could be deployed for self-service and interactive applications including and not limited to:





System Specifications

• Processor

ARM Dual-core CPU

• Operating System

Linux 3.4

• Display

Size	10.1-inch TFT-LCD
Active Area	217x136mm (WxH)
Aspect Ratio	16:10
Resolution	1280x800 pixels
Color	16M colors
Touch Screen	Capacitive type
Multitouch	Yes, up to 5 points (subject to application)

• Data Capture/Output

Barcode Scanner	2D area imager scanner (1D/2D decoding)
NFC Reader	Compliant with Near Field Communication (NFC) ISO/IEC standard, supports MIFARE®, ISO 14443A/B, ISO15693, ISO 18092 Tag and FeliCa® cards (optional)

• Memory

RAM	2GB LPDDR3
Internal Storage	8GB eMMC
External Storage	USB flash disk (not included)

• Network/Interface

Wired LAN	10/100Mb Ethernet 802.3; Power over Ethernet 802.3af (optional)
Wireless LAN(Optional)	802.11b/g/n/ac, 2.4GHz and 5GHz dual band
Encryption Protocol	WPA, PSK and WPA Enterprise security

• Multimedia

Audio Output	Loudspeaker (3Watt) x 1, Bluetooth Audio
Audio/Video Input	2MP video camera with microphone (optional)
Image Format	PNG, JPEG, GIF, BMP
Audio Format	WAV, WMA, MP3
Video Format	MPEG-4, H.264

System Specifications

• Peripheral(I/O Ports)

USB x 3, RS232 x 1, LAN x 1 (for Ethernet or PoE), GPIO x 2
2 pin output(exit gate)

• Power

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

• Weight

Approx. 1.25 kg

• Environmental

Operating Temperature 0°C to 40°C (32°F to 72°F)

Storage Temperature -20°C to 60°C (-4°F to 140°F)

Humidity up to 95% RH (non-condensing)

• Regulatory

CE, FCC, RoHS

• Accessories

Power Adapter

VESA mount bracket (75x75mm)

• Dimensions

HxWxD 252 x 238.15 x 71.5 mm



• Optional Spec

Internal Storage 16GB Optional

Access Control(EG/POE+) Optional

13.56MHz RFID & NFC Optional

Camera + Microphone Optional

Stereo Speakers Optional

HDMI Port Optional

Audio Jack Optional

Display(Anti Glare) Optional

VESA Mount Bracket Optional

Data Capture Specifications

• 2D Area Imager Scanner

Scanner technology 2D area imager scanner for 1D/2D barcode decoding

Light Source 632±5nm Red LED

Resolution 0.127mm/5mil UPC/EAN, 0.26/10mil 2D barcode

Ambient Light up to 100,000 Lux

Software & Applications

Development Tools Software Development Kit (SDK)

Management Tools Web Management, Remote Package Update

Default Applications

Linux version: 1D/2D Barcode Scanner, NFC Reader, Price Checker, Web Price Checker, Video Camera, Media Player, Promo Tool, Desktop Configurator

Android version: 1D/2D Barcode Scanner, NFC Reader, Video Camera, Media Player, Promo Tool, Desktop Configurator

*software availability is subject to different hardware configuration.

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