



**SCANTECH ID**  
CHAMPTEK Group

# SK-100 Lite

## SCAN KIOSK Model 100

### 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

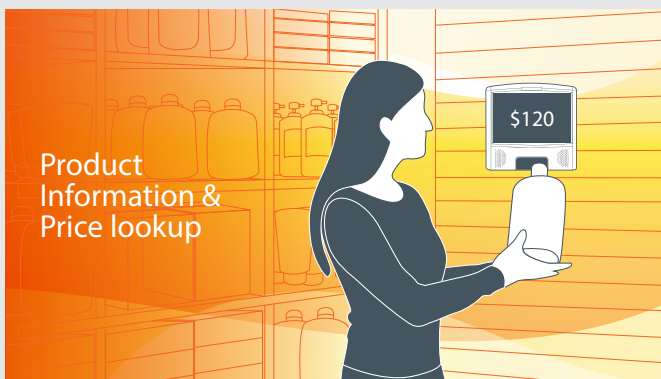
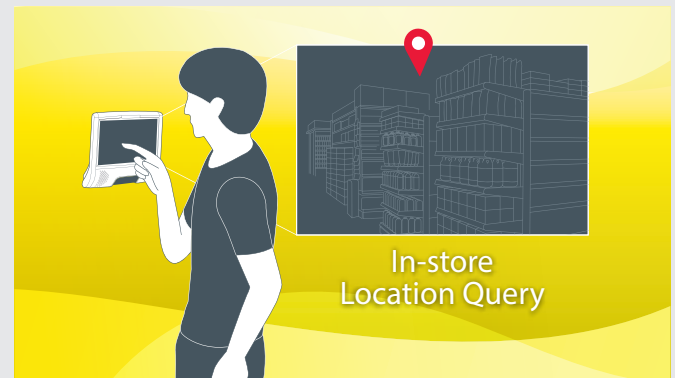
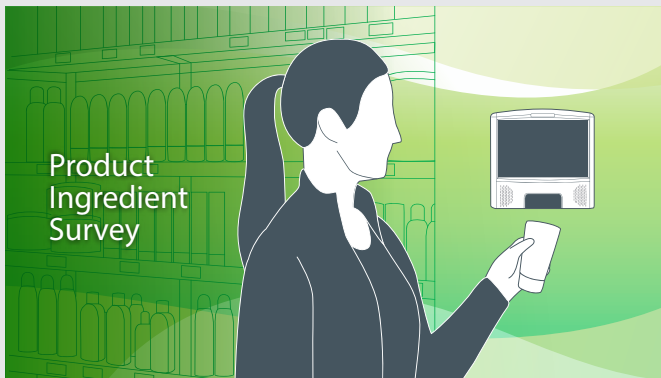
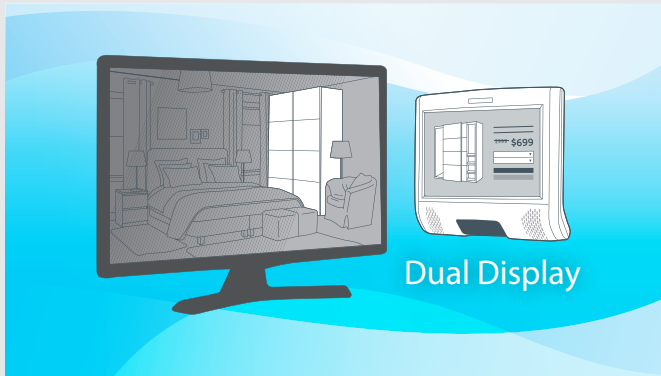
The SK-100 Lite is built with hardware capability of:

- 10.1-inch LCD display with capacitive multitouch screen
- Selection of Linux or Android 6.0 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
- 3 USB ports for peripheral expansion (barcode scanner, smartcard reader, printer, keyboard, mouse, flash disk)

# SK-100 Lite

## Application Keynotes

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



# System Specifications

## • Processor

ARM Quad-core CPU

## • Operating System

Linux 3.4/Android 6.0

## • 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	1GB / 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 2, 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

## • 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 Gate)(optional)

## • 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

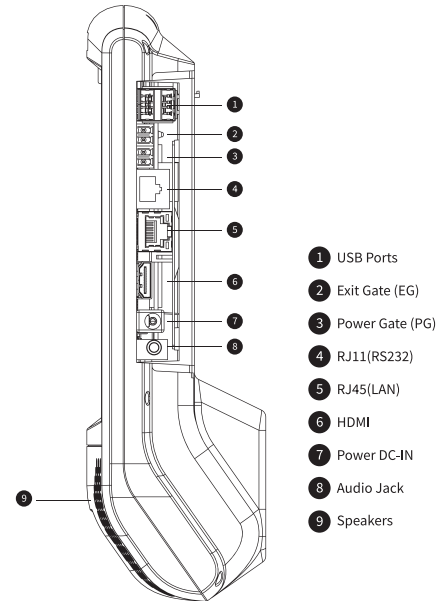
## • Accessories

Power Adapter  
VESA Mounting Screw Set

## • Dimensions

HxWxD 252 x 238.15 x 71.5 mm

## System Specifications



### • Optional Spec

Internal Storage 16GB	Optional	Camera + Microphone	None
Access Control(POE+)	Optional	Stereo Speaker	Included
GPIO Ports(EG/PG)	Optional	HDMI Port	None
13.56MHz RFID NFC	Optional	Audio Jack	Optional
RFID UHF	Optional	VESA Mount Bracket(75x75mm)	Included

## Data Capture Specifications

### • 2D Area Imager Scanner

Scanner technology	2D area imager scanner for 1D/2D barcode decoding	Resolution	0.127mm/5mil UPC/EAN, 0.26/10mil 2D barcode
Light Source	632±5nm Red LED	Ambient Light	up to 100,000 Lux

## Software & Applications

<b>Development Tools</b>	Software Development Kit (SDK)
<b>Management Tools</b>	Web Management, Remote Package Update
<b>Default Applications</b>	Android version: 1D/2D Barcode Scanner, NFC Reader, Media Player, Promo Tool, Desktop Configurator, Price Checker Demo App *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.