



# SK-100

## SCAN KIOSK Model 100

SCANTECH ID<sup>®</sup>  
CHAMPTEK Group

### Introduction

The SK-100 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 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 brings productivity, efficiency and convenience to your business and service in good price budget.

### Technical Feature Keynotes

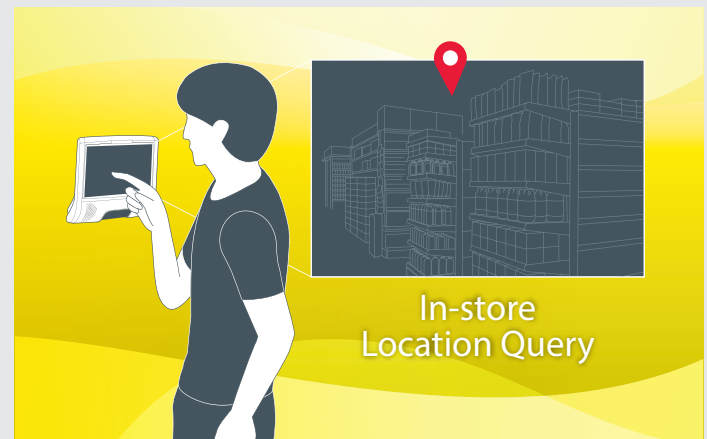
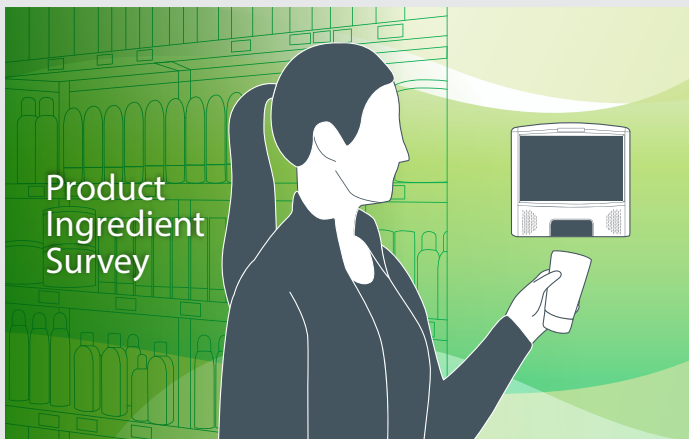
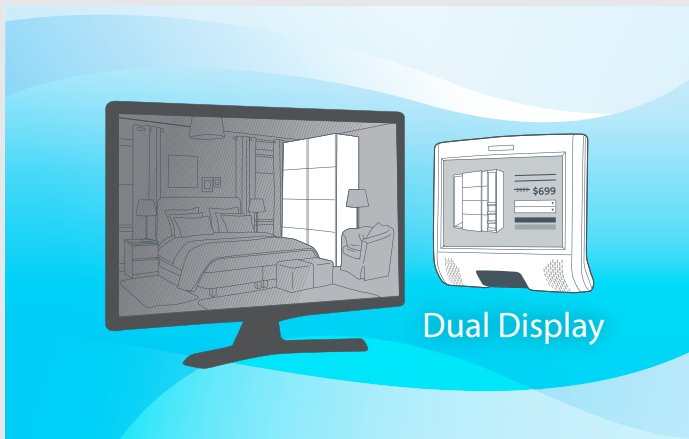
The SK-100 is built with hardware capability of:

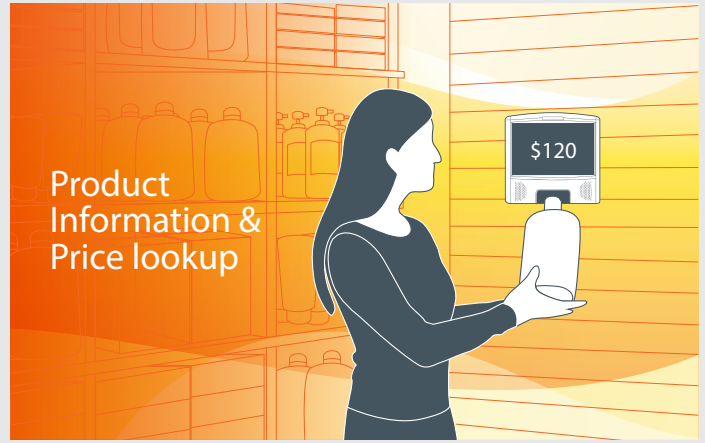
- 10.1-inch LCD display with capacitive multitouch screen
- Powerful dual-core ARM Cortex-A7 processor
- Linux or Android operating system
- LAN and WIFI network connectivity in option
- 2D imager scanner, NFC reader in option
- Scalable options in PoE, video camera, Bluetooth audio
- Audio and video streaming or playback
- HDMI port for external display scalability
- 3 USB ports for peripheral expansion (barcode scanner, smartcard reader, printer, keyboard, mouse, flash disk)

# SK-100

## Application Keynotes

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





## System Specifications

### • Processor

ARM Cortex-A7 Dual-core CPU

### • Operating System

Linux Kernel 3.4 or Android 4.4

### • 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)

### • Memory

RAM	1GB LPDDR3
Internal Storage	8GB eMMC
External Storage	USB flash disk (not included)

### • Networks

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

## System Specifications

### • 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)
Camera & Microphone	2MP video camera w/ microphone (optional)

### • Multimedia

Audio Output	Loudspeaker (2Watt) x 2, Bluetooth Audio (optional)
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

- **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)

- **Accessories**

Power Adapter
VESA mount bracket (75x75mm)

- **Power**

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

Approx. 1.2kg
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- **Indicator**

LED x 2
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- **Regulatory**

CE, FCC, RoHS
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- **Interface**

USB x 3, HDMI x 1, RS232 x 1, LAN x 1 (for Ethernet or PoE), GPIO x 2 2-pin output (exit gate) ; 2-pin power output for door lock application (optional)
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- **Dimensions**

HxWxD	253x238.15x71.5mm
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## 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

<b>Development Tools</b>	Software Development Kit (SDK)
<b>Management Tools</b>	Web Management, Remote Package Update
<b>Default Applications</b>	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.