SK-100

SCAN KIOSK Model 100

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.
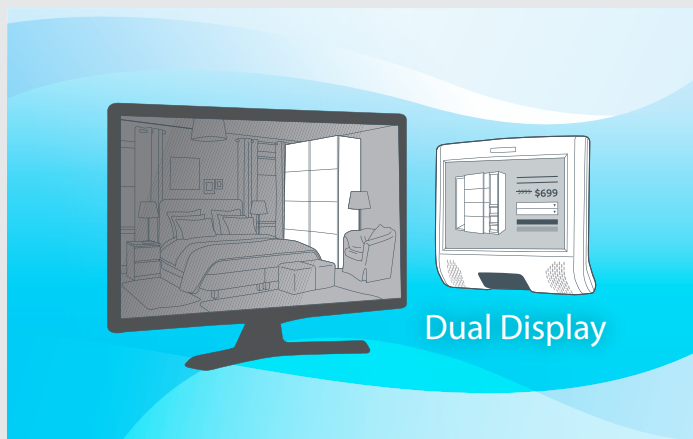
Technical Feature Keynotes

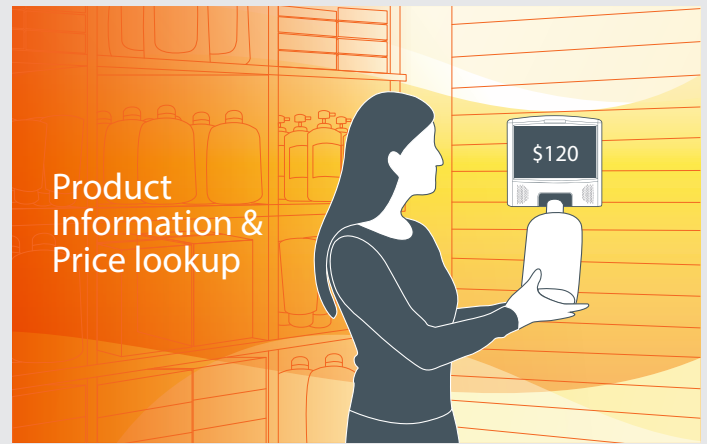The SK-100 is built with hardware capability of:

- 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

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

In-store Ordering

Digital Signage & Promotion

30% OFF

Dual Display

Multimedia Services

Product Ingredient Survey

In-store Location Query

Building
Access Control

Product
Information &
Price lookup

$120

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)

Weight

Approx. 1.2kg

Indicator

LED x 2

Regulatory

CE, FCC, RoHS

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)

Dimensions

HxWxD	253x238.15x71.5mm

253.00
76.50
238.15
Unit: mm
71.50

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

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.