



# Scan Kiosk SK-50

Cutting edge Multimedia Price Checker

**CHAMPTEK**<sup>®</sup>  
We value your ID's

## Introduction

SCANTECH ID Scan Kiosk SK-50 is a high-quality and multifunctional information terminal, combining all functions of a compact kiosk system and classic price-checker. The information terminal comes with touch screen and multi-media features, such as sample music listening, watching the promotion video, and help customers to find/receive information and product pricing easily. The convenience provided by SK-50 can enhance customer satisfaction, improve sales volume and reduce operational costs.

## Features

- Self-service SCAN KIOSK with touch screen and media display function.
- Easy to deploy and map out digital promotion image/video media.
- The rotatable scanner can be tilted upward and downward within a 30° range for the best user convenience.
- Omni Directional Laser Scanner and 2D Imager available.
- Database system applicable to PC Server Edition
- RFID support (option)
- Built-in Web Server for user friendly access to remotely configure, diagnosis, monitor and troubleshoot devices.
- Developer SDK Software Suite support with example Source Code.
- Entry/Exit-Gate control function support (option).
- Expandable — can easily build on by adding third-party USB/RS232 peripherals, including printers, magnetic stripe readers, keyboards and more.

# Scan Kiosk SK-50

## Specifications

### • System Architecture

Processor	ARM Dual-Core
Operating Platform	Linux 3.4 / Android 4.4
Memory (Storage)	8GB eMMC; expandable by SD card (in factory) external: USB flash disk (not included)
Memory (RAM)	1GB

### • Output Media

Display	5.7" diagonal
Brightness	400 nits
Resolution	640 x 480 pixels (65K colours)
Touch Screen	Resistive type
Graphics Supported	PNG, JPEG, GIF, BMP
Audio Supported	WAV, WMA, MP3
Video Supported	MPEG-4, H.264
Loudspeakers (2Watt)	x 2
Headphone	3.5mm jack

### • Data Ports

USB 2.0	x 2
Ethernet	x 1
RS232	x 1
Entry/Exit Gate Control Function GPIO	x 1 (optional, 2-pin connector)

### • Network Interface

Wired LAN	<ul style="list-style-type: none"><li>10/100Mb Ethernet (802.3)</li><li>Power over Ethernet 802.3af (optional)</li></ul>
Wireless LAN	802.11 a/b/g/n, 2.4/5 GHz (optional for Linux OS)
Encryption Protocols	WPA, PSK and WPA Enterprise security

### • Physical

Dimensions (H x W x D)	193 x 176 x 85 mm (7.6" x 6.9" x 3.3")
Weight	0.9 kg (2 lb)
Dual Mounting Options	Wall mount with 2 screws (Scantech ID SG-15 compatible) and VESA 75mm bracket mounting

### • Data Input

Scanner Possibilities	<ul style="list-style-type: none"><li>Omni Directional Laser Scanner : High Speed, hi sensitive and omni-directional scanning. Reading of fragmented bar codes. Visible laser diode 635 nm. Scan pattern: 6 direction scan field, 24 lines. Scan rate: 2000 scans/sec Up to 300 mm @ UPC/EAN 100%, PCS 90% or :</li><li>2D Imager : White light LED Scan rate : 60 images/sec. Resolution : 1280 Horizontal x 800 Vertical pixels.</li></ul>
-----------------------	--

### Symbologies Supported

- With Omni Directional Laser Scanner :  
EAN/UPC/JAN + Add-on, ISBN, Code 128, EAN 128, Code 93, Code 39, Code 32, Codabar, Interleaved 2 of 5, MSI-Plessey and GS1 DataBar
- With 2D Imager :  
1D Symbologies:  
UPC-A, UPC-E, EAN-8/JAN-8, EAN-13/JAN-13, ISSN, UCC Coupon Extended Code, Code 39, Code 39 Full ASCII, Code 128, Interleaved 25, Industrial 25, Matrix 25, Codabar/NW7, Code 93, China Post, MSI/Plessey, Telepen, GS1 Databar Omni-directional, GS1 Databar Limited, GS1 Databar Expanded  
2D Symbologies:  
Datamatrix, PDF417, MicroPDF417, QR code, MicroQR, Aztec, Maxicode

Scanner Head	Adjustable from 10° to 45° vertical in 5° step lock
--------------	---

### • NFC Reader

Compliant with Near Field Communication (NFC) ISO/IEC standard, supports MIFARE®, ISO 14443A/B, ISO15693, ISO 18092 Tag and FeliCa® cards


### • Power Requirements

Power Supply	DC 12V/1.5A power adapter or Power over Ethernet 802.3af (optional)
Power Consumption	Nominal: less than 1000mA @ 12VDC

### • Environmental

Operating Temperature	0° ~ 40°C (32° ~ 104°F)
Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)
Humidity	Humidity 5% ~ 95% RH (non-condensing)

### • Regulatory

CE, FCC and RoHS compliant 

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

Ver.: DS\_SK50\_20170523