CHAMPTEK®

Scan Kiosk SK50

Cutting edge Multimedia Price Checker

Introduction

SCANTECH ID Scan Kiosk SK50 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 SK50 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.**
- **Networking options: IEEE 802.11 B/G/N 2.4 GHz and Power over Ethernet support.**
- **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.**

Specifications

System Architecture

Processor	Super RISC Processor 400MHz
Operating Platform	Standard Linux 2.6 Kernel or WinCE 6.0
Memory Flash	256 MB, expandable with USB flash drive and SD card
Memory RAM	128 MB

Output Media

Display	5.7" diagonal
Brightness	400 nits
Resolution	640 x 480 pixels(65.535 colours)
Touch Screen	Resistive type
Graphics Supported	PNG, JPEG, GIF, BMP
Audio Supported	WAV, WMA, MP3
Video Supported	MPEG-4, H.264
Audio Ports	High Definition Stereo (16-bit PCM 44.1 KHz)
Loudspeakers	High Quality loudspeakers for superior audio performance
Headphone	3.5 mm standard jack

Data Ports

SD Card Slot	x 1
USB 2.0	x 2 (back compartment) x 2 (side compartment)
LAN port 10/100 MB	x 1
Audio port	x 1 (Option)
RS-232 port	x 1 (+5V DC Power)
Power Over Ethernet Module	Optional
Entry/Exit Gate Control Function GPIO	Optional (2-pin conn)

Network Interface

Wired LAN	• Ethernet: 100MB Base-TX/10MB Base-T (802.3)standard on board • Power over Ethernet IEEE 802.af optional • Two network LED indicators in the LAN connector
Wireless LAN	Through USB Wi-Fi stick (ex factory or Scantech validated) 802.11 B/G/N 2.4 GHz
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 SG-15 compatible) and VESA 75mm bracket mounting

Data Input

Scanner Possibilities	• 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: • 2D Imager : Visible Red light 650nm Scan rate: 200scans/sec auto adaptive in linear mode, 56 images/sec auto adaptive 2D mode. Resolution: 752 Hor. X 480 Vert. pixels, 256 gray levels.
Symbologies Supported	• 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 andGS1 DataBar. • 2D Imager: 1D Symbologies: EAN/UPC, Australian Post, Aztec, BPO, Canada Post, Dutch Post, EAN. UCC Composite, Interleaved 2 of 5, Japan Post, MSI Code, Planet, Plessey Code, Postnet, GS1 Databar, Standard 2 of 5, Telepen, TLC 39 2D Symbologies: Datamatrix, Matrix 2 of 5, Maxi 2 of 5, MicroPDF417, PDF417, Maxicode, QR code
Scan Pattern Orientation	The Scanner can be adjusted over an angle of 30° and locked with steps of 5°

Power Requirements

Power Supply	Voltage +12 VDC ± 10% / 1.5A
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

Electrical Safety:	CE EN 60950-1
Laser Safety:	CDRH 21 CFR part 1040 IEC825 Class 1 IEC60825 Class 1
BMI/RFI:	CE EMC 2004/108/EEC

Due to Champtek's / Scantech ID's continuing product improvement programs, specifications and features are subject to change without notice.

CHAMPTEK®
We value your ID's

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