SK40
Color Screen Price verifiers

Introduction

SK40 is a color-screen Price Verifiers. With 4.3 inch color display and price checker functionality, it can provide customer who prefer a color display and easy access to the information.

SK40 will provide the price verifying functionality for customer self-service. With the color screen, the SK40 also provides"Vivid broadcasting"(Optional by project base) function with the ability to play multi-media formats (including picture and Video) which are applied in Stores for promotion and advertisements.

Furthermore, the SK40 supported remote web configuration management; it will be convenient for system control management, who can monitor and manage all SK40's deployed store-wide from a central control room.

Features

- SK-40 color screen price verifier (none touch screen).
- Multimedia support with High quality speakers.
- Compact dimension for easy to deploy virtually anywhere in the store.
- Easy to deploy and map out digital promotion image/video media (Optional by project base).
- Rotatable scanner window for installation.

- Browser display technology for user friendly access to remotely configure, diagnose, monitor and troubleshoot devices.
- Power Over Ethernet and Entry/Exit-Gate control function support (Optional).
- RFID support (option)
- Database system applicable to PC Server Edition

SK40

Specifications

● System Architecture

Processor	ARM Dual-Core
Operating Platform	Linux 3.4 / Android 4.4
Memory Flash	8GB eMMC
Memory RAM	1GB

● Output Media

Display	4.3" diagonal (None Touch display)
Brightness	350 nits
Resolution	480 x 272 pixels 65.535 colours

● Power Requirements

Power Supply Voltage	+12 VDC ± 10% / 1.5A
Power Consumption	1500mA @ 12VDC Maximum configuration Optional Power Over Ethernet IEEE 802.af

● 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 compatible to SG-15 andVESA 75mm bracket mounting featured by 4 inserts
Available colours	Two standard colour combinations available to fit in every interior: Black/Silver and Black/Red.

● 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
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	● EEthernet: 100MB Base-TX/10MB Base-T (802.3) standard on board ● Power over Ethernet IEEE 802.3 af optional ● Two network LED indicators at the back Through USB Wi-Fi stick
Wireless LAN	Through USB WiFi stick (ex factory or Scantech validated) 802.11 a/b/g/n, 2.4/5 GHz (optional for Linux OS)
Encryption Protocols	WPA, PSK and WPA Enterprise security.

● 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 : White light LED Scan rate : 60 images/sec. Resolution :1280 Horizontal x 800 Vertical pixels.
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 Expended 2D Symbologies: Datamatrix, PDF417, MicroPDF417, QR code, MicroQR. Aztec, Maxicode
Scan Pattern Orientation	Scanner angle can be adapted for maximum user convenience Ex factory or on distributor level Lock button accessible at the back.
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, ISO18092 Tag and FeliCa® cards

● Environmental

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

● Optional (For Project base only)

Graphics Support	PNG/JPEG/GIF/BMP
Audio Support	WAV/WMA/MP3
Video Support	MPEG-4/H.264

● Regulatory

	CE, FCC and RoHs compliant CE

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