

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 SK-40 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 SK-40 supported remote web configuration management; it will be convenient for system control management, who can monitor and manage all SK-40's deployed store-wide from a central control room.

Features

- SK40 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.
- Comprehensive networking options: IEEE 802.11 B/G/N 2.4GHz.
- 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).

Specification

System Architecture

Processor	Super RISC Processor 400MHz
Operating Platform	Standard Linux 2.6 Kernel or WinCE 6.0
Memory Flash	256 MB
Memory RAM	128 MB

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 \pm 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 and VESA 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	<ul style="list-style-type: none">Ethernet: 100MB Base-TX/10MB Base-T (802.3) standard on boardPower over Ethernet IEEE 802.af optionalTwo network LED indicators at the back Through USB Wi-Fi stick
Wireless LAN	Through USB WiFi stick (ex factory or Scantech validated) 802.11 B/G/N 2.4 GHz
Encryption Protocols	WPA, PSK and WPA Enterprise security.

Data Input

• 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

Scanner

Possibilities

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 Horizontal x 480 Vertical pixels, 256 gray levels.

• 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:

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

Symbologies Supported

Scanner angle can be adapted for maximum user convenience

Ex factory or on distributor level

Lock button accessible at the back.

Scan Pattern Orientation

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)

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

Regulatory

Electrical Safety: UL-CE EN 60950;

Laser Safety: CDRH 21 CFR part 1040;

IEC825 Class 1 -EN60825-1

EMI/RFI: CE EMC 89/336/EEC.

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