

SK-50 SCAN KIOSK Model 50



Technical Product Specifications

System Architecture		
Processor	Super RISC Processor 533MHz	
Operating Platform	Standard Linux 2.6 or WinCE 6.0	
Memory Flash	256MB Expandable with USB stick and SD card	
Memory RAM	128MB	
Output Media		
Display Size	5.7" diagonal	
Brightness	Sunlight Readable	400 nits
Resolution	640x480 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	Hi Definition Stereo 16 bit PCM 44.1KHz	
Loudspeakers	High Quality loudspeakers for superior audio performance	
Headphone Support	3.5 mm standard jack	
Power Requirements		
Power supply voltage	+12 VDC \pm 10% / 1.5A	
Power Consumption	1500mA @ 12VDC Maximum configuration Optional Power Over Ethernet IEEE 802.3 af	
Physical Characteristics		
Dimensions (H x W x D)	193 x 176 x 85 mm	(7.6" x 6.9" x 3.3")
Weight	0.9kg	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 every interior: Black/Silver and Black/Red.	

Data Ports					
Externally accessible (at the back)	Qty	Peripheral type	Connector	Remarks	
	2	USB 2.0 host	USB-A	USB Hand scanner/Flash	
	1	LAN 10/100Mbps	RJ-45	Network connector	
	1	Audio	3.5 mm	Headphone	
	1	RS-232(+5V Power)	RJ-11	Consol for engineering	
	1	General Purp Out	2-pin conn	Exit Gate Terminal Option	
Internally accessible (behind cover)	Qty	Peripheral type	Connector	Remarks	
	1	SD card slot	SD socket	Flash memory extension	
	2	USB 2.0 host	USB-A	For WiFi stick or Flash USB devices	
	1	RS232(+5V)	RJ11	(Data Input Optional) Omni-directional Laser or 2D	
	OR:				
	1	Power over Ethernet module	Pin header	Same physical location as the USB WiFi stick	
Entry/Exit-Gate control function	Option, ex factory				
Network Interface					
Wired LAN	<ul style="list-style-type: none"> Ethernet: 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 				
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 Inputs					
Scanner possibilities	<p>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</p> <p>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.</p>				
Symbologies Supported	<p>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.</p> <p>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</p>				
Scan Pattern Orientation	Scanner angle can be adapted for maximum user convenience Ex factory or on distributor level Lock button accessible at the back.				

Software and Applications	
Application	Price Check Application built-in
Demo tool	Shows all supported functions and performance of the SK-50
SKNet SDK	Text-based demo database with SGNet functionality. SQL based demo database Web server demo
The Management Tool Kit embedded in the SK-50 features:	<ul style="list-style-type: none"> • Built-in Web Server for user friendly configuration Administrator, operator and anonymous user login. • Access to: <ul style="list-style-type: none"> - The operating system settings (LAN, WLAN etc.), - Peripheral controls (like speaker volume, brightness, scanner) and - Main application parameters (Price Checking, Promotion etc.) • Loading of multi-media files to the media storage devices.
Environmental	
Operating temperature	0° to 40°C (32° to 104°F)
Storage temperature	-20°C to 60°C (-4° to 140°F)
Humidity	5% ~ 95% RH (non-condensing)
Regulatory	
CE,FCC and RoHS compliant	



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