

### SK50



#### Key Features:

- 5.7" LCD Touchscreen / 640x480
- Multimedia support with High quality speakers
- Omni Directional Laser Scanner with up to 30° Tilt adjustment. 2D optional
- Ethernet 10/100 RJ45 port. Optional PoE (Power over Ethernet) / Wireless 802.11 b/g/n 2.4GHz
- WinCE 6.0 or Linux operating platform
- Optional Entry/Exit-Gate control function support
- Free Developer SDK Software Suite support with example Source Code



Also available in red.



Side and rear view.

SPECIFICATIONS	
<b>System Architecture</b>	
Processor	Super RISC Processor 400 MHz
Operating Platform	WinCE 6.0
Memory Flash	256 MB expandable with USB flash
Memory RAM	128 MB
<b>Output Media</b>	
Display	5.7" diagonal Resistive type Touch display
Brightness	400 nits
Resolution	640 x 480 pixels 65.535 colours
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
<b>Data Ports</b>	
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)
<b>Network Interface</b>	
Wired LAN	Ethernet: 100 MB Base-TX/10 MB Base-T (802.3) standard on board Power over Ethernet IEEE 802.af optional Two network LED indicators at the back Through USB Wi-Fi stick
<b>Physical</b>	
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 VESA 75mm bracket mounting
<b>Data Input</b>	
Scanner	<b>Omni Directional Laser Scanner:</b> High speed, hi sensitive and omni-directional scanning. Reading of fragmented bar codes. Visible laser diode 635 nm. <b>Scan pattern:</b> 6 direction scan field, 24 lines, Scan rate: 2000 scans/sec. Upto 300 mm @ UPC/EAN 100%, PCS 90%
Symbologies Supported	<b>1D Symbologies:</b> EAN/UPC, Australian Post, Aztec, BPO, Canada Post, Dutch Post, EAN, UCC Composite, Inter-leaved 2 of 5, Japan Post, MSI Code, Planet, Plessey Code, Postnet, GS1 Databar, Standard 2 of 5, Telepen, TLC 39 <b>2D Symbologies:</b> Datamatrix, Matrix 2 of 5, Maxi 2 of 5, MicroPDF417, PDF417, Maxicode, QR code
Power Requirements	Voltage +12 VDC $\pm$ 10% / 1.5A
<b>Environment</b>	
Operating Temperature	0° ~ 40°C (32° ~ 104°F)
Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)
Humidity	Humidity 5% ~ 95% RH (non-condensing)
<b>Regulatory</b>	
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