

eSkan



The eSkan handheld terminal is the latest device to fight criminal activities by validating the South African driver's license.

It is also the most cost effective solution available to validate SA driver's license with no additional annual license fees required.

The eSkan is a proudly South African product designed by South African Engineers for the local security, access control and asset management sectors.

Existing back-end solutions are already available but customize solutions can easily be tailor made for specific business-end needs.

A 3-track magnetic swipe head and USB interface is standard on all eSkan models, however the eSkan250 can connect to your servers via the Wi-Fi network.

Continuous development in the biometric and communication fields will ensure that the eSkan models always use the latest and most cost effective technologies available.

Rental options with different service level agreements are available to suite the customers budget requirements.



Core:	
RAM	8MB
Serial Flash	4MB
Flash	512KB
CPU	32 bit ARM RISC processor
Operating System	Sapphire Rapid Application Development Environment
Peripherals:	
Barcode Reader	1D / 2D barcodes
Magnetic Swipe Head	3 track
Imager	844 x 640 pixels mono, 60 FPS
OCR (optional)	Type A, B & E13B
User Interface:	
Display	160 x 100 pixel graphic LCD with LED back light
Keyboard	3 function buttons & 2 scan buttons
Communications:	
USB	USB 1.1/2.0 full speed compliant
WLAN	Standard IEEE 802.11b/g (Only on eSkan250) Security protocols supported: SSL3/TLS1, HTTPS, FTPS, RSA, AES-128/256, 3DES, RC-4, SHA-1, MD-5, WEP. WPA/WPA2 (PSK & Enterprise)
Regulatory:	
EMC/EMI	ICASA TA-2009/1314-SABS CISPR22 (Radiated & conducted emissions)
Health & Safety	(IEC60950-1:2002 SANS 60950-1:2003) WCT 09/1136 IEC61000-4-2, IEC61000-4-3
Power:	
Battery	Replaceable 3.7V Lithium Polymer
Physical:	
Weight	170g
Dimensions	116mm (L) x 68mm (W) x 50mm (H)
Environment:	
Operating Temperature	0°C to 50°C
Humidity	5% to 90% non-condensing
Optional Accessories:	
	AC/DC Wall Charger Input 100-240VAC, Output 5VDC 500 mA

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