



Modular, Mobile Handheld with the Power to Adapt

Streamline biometrics and credential validation with this mobile handheld that also interfaces with legacy access control systems.

Reads all types of credentials with modular security components —500-PPI fingerprint sensor, magnetic stripe card reader, contact and contactless Smart Card reader, and MiFi® Prox card reader.

Accurate data capture —1D/2D barcode reader, RFID reader, and 3-MP color camera with auto-focus, zoom, flash, and video capabilities.

Modular design offers customization—specify the technology you need now and swap it out later at minimal cost as needs change.

Wireless communication —GPRS/GSM 3G, WLAN with a Summit 802.11 b/g radio, Bluetooth®, and GPS.

FIPS-201 certified and authorized for the TWIC program—approved by the Transportation Security Administration (TSA) for validating personnel accessing U.S. ports.

Interfaces with legacy access control systems — provides security guards remote access to monitor existing systems.

Environmentally sealed —IP65 and meets MIL-STD-810F requirements.

Windows CE 5.0 —quick start-up with virtually no time wasted waiting for boot-up.

Modules & Accessories



Vehicle Dock



2-Slot Charger



Fingerprint Sensor



Camera or
Barcode Scanners



Smart Card
Reader



Smart Card Reader +
Magnetic Stripe Reader

Core System	
Operating System	Windows® CE 5.0 Professional
Processor	PXA270 520 MHz
Memory	128 MB SDRAM 256 MB Flash SD card slot (supports up to 2 GB)
Display	
	3.5-inch QVGA (240 x 320) transfective TFT color LCD with LED backlight Scratch- and shock-resistant touchscreen 4-wire resistive touchscreen Passive Stylus or finger operation
Keypad & Buttons	
	22-key backlit keypad 10 numeric and function keys 2 trigger keys Programmable auto-repeat Tactile and audible feedback
Communications	
WLAN	802.11 b/g
WWAN	GPRS/GSM 3G
GPS	SiRFstar III GPS
Bluetooth®	Bluetooth® V2.0 + EDR Class II
Input/Output	
	Power USB 1.1 (host/client) via cradle Ethernet 10/100 via cradle 3.2mm stereo headset jack
Endcap Options	
Barcode scanning	1D laser (short range) 1D/2D imager (short range)
Fingerprint	500-PPI, FIPS-201 compliant
Camera	3-MP color camera with flash, auto-focus, zoom and video capture
Backpack Options	
	Smart card reader (contact/contactless) Magnetic stripe reader Multi-SIM WWAN
Expansion Slots	
	SD card slot (supports up to 2 GB) PCMCIA (use of this slot excludes WWAN and some prox card features)
Audio	
	Sealed headset connector

Software	
	ActiveSync, FTP client/server, IE 6.0, Viewers for Microsoft® Office and PDF files, Inbox, Windows Media Player, Remote Desktop, Terminal Services, Voice Recorder, Backup and Restore, Barcode Scanner Utility, DAP Video Capture
Power	
Battery	Li-ion battery pack, 2000 mAh (14.6 Wh)
Backup	Rechargeable internal backup battery
Input	12 VDC (via dock)
Dimensions	
	7.7 (L) x 3.1 (W) x 2.1 in. (H) [196 x 79 52 mm] 1 lb. [454 g] (with battery)
Regulatory	
	FCC class B CE RoHS WEEE
Environment	
Operating temperature	4 to +122 °F [-20 to +50 °C]
Charging temperature	32 to +104 °F [0 to +40 °C]
Storage temperature	-22 to +158 °F [-30 to +70 °C]
Drop	multiple 4-foot (1.2-meter) drops to concrete
ESD	15 kV air discharge, 8 kV direct discharge
Sealing	IP65 certified
Humidity	5%–95%, non-condensing MIL-STD-810F

Feature Configurations				
Endcap Configuration	Wi-Fi	Bluetooth	WWAN	GPS
1D laser barcode scanner	•	•	•	•
1D/2D barcode imager	•	•	•	•
DAP Universal Camera	•	•	•	•
Fingerprint sensor (FP)	•	•	•	•
1D scanner + FP	•	•	•	•
1D/2D imager + FP	•	•	•	•
DAP Universal Camera + FP	•	•	•	•
Backpack Configuration	Wi-Fi	Bluetooth	WWAN	GPS
Smart card reader (SCR)	•	•	•	•
SCR + mag stripe reader	•	•	•	•
Multi-SIM WWAN	•	•	•	•