



The IPT500 features state-of-the-art Basic Access Control (BAC) enabled passport scanner as well as built-in Machine Readable Zone scanner for ICAO Electronic Passport, traditional passports and BAC-protected e ID card identification at any location.

This terminal is a compact, all-in-one terminal with built-in MRZ scanner for BAC, ISO14443 contactless reader, a thin optical biometric fingerprint scanner as well as 4 ISO7816 card slot (1 card and 3 SAM). This robust terminal is built on top of a powerful 32 bit PXA270 processor with horsepower of 520MHz which runs on Microsoft Windows Mobile 5.0.

For usability at your fingertips, the IPT500 also features 3.5 inches color LCD, supports multiple wireless communication including quad-band GSM/GPRS/EDGE, 802.11b/g wireless LAN and Bluetooth.

Specification

Performance Characteristic	
Operating System	WinMobile 5.0
Processor	Intel Xscale® PXA270 520MHz processor
Memory	128MB Flash / 128MB SDRAM
Display	3.5" QVGA (240 x 320) Transflective TFT color touch screen LCD with backlight
Touch Panel	4-wire analog resistive type
Keypad	21 alphanumeric & function keypad
Expansion Slot	SD Card Slot (support memory card up to 2GB)
SIM/SAM Slot	1 SIM / 3 SAMs
Interface	USB 1.1 Host & Client (through cradle)
Camera	2.0M Pixels
Battery	Rechargeable, 7.4V, 1850mAH Li-Ion Battery Pack
Integrated Radio	
WWAN Radio	GSM/GPRS/EDGE (Quadband: 850/900/1800/1900MHz)
WLAN Radio	IEEE 802.11 b/g
WPAN Radio	Bluetooth Class II V1.2, IrDA1.2
Card Reader	
Smart Card Reader	ISO7816 1/2/3 compliance (Support ID-0 & ID-1 smart card)
Contactless Card Reader	ISO14443 A/B Part 1/2/3/4 compliance
Data Capture	
OCR Swipe Reader	Comply to OCR-B & E13B standard Machine readable passports (MRP): 2 lines of 44 characters Machine readable visas (MRV): 2 lines of 44 characters, 2 lines of 36 characters Travel documents: 2 lines of 36 characters, 3 lines of 30 characters
Biometrics	
Fingerprint Scanner	Thin optical sensor 500 dpi @ 8-bit per pixel Active area : 14mm x 22mm (0.55in x 0.87in) ISO19794-2, ANSI378, WSQ, Sagem MorphoSmart SDK, BioAPI compliant software suite Storage capacity : 1000 fingerprint templates Biometrics features : 1:1 and 1:N search Verification time < 0.8 sec Identification time < 1 sec Tunable false acceptance rate
Physical & Environment Characteristics	
Dimensions (W x H x D)	87 x 218 x 56 mm
Weight	510g (including battery pack)
Operating Temperature	-10°C to 50°C
Storage Temperature	-25°C to 65°C
Humidity	5% to 90% non-condensing

