PRADOTEC
Innovation for Tomorrow

DPS500

Desktop ePassport Reader



SWIFTREAD

Product Benefits



SwiftRead

The DPS500 has two built-in RFID antennas and a high performance Digital Signal Processor (DSP) for effective ePassport reading regardless of chip placement.



High Level Security Authentication

Visible, infrared and UV light is used to authenticate passports for tampering that may not be visible to the human eye.



Automatic Detection and Reading

Provides a single step reading process that is simple yet effective solution in immigration check-outs.



Secure Access Modules

An ideal device for identification via its two built-in SAM slots that provide added security.

Industrial Applications



Border Control



Airlines



Hospitality



Law Enforcement

Product Features



DPS500 SPECIFICATIONS

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Optical Specifications

Illuminations	Visible (white) Infrared (B900) UV (UVA)
MRZ OCR Reading	ICAO 9303 compliant
1D Barcode Scanning	EAN8, EAN13, CODE39, CODE128, Interleaved 2 of 5
2D Barcode Scanning	PDF417, Data Matrix, QR Code, Aztec
Image Sensor	3 Megapixels
Image Resolution	400 dpi
Image Colour Depth	24 bit/pixel RGB
Document Detection	Automatic Document Detection
Optical System	Built-in DSP Image Processor with Dual Camera
Image Format	JPG, JPG2000, PNG, BMP

Contactless Reader

Standard	ISO/IEC 14443A/B, Part 2, 3, 4 ICAO Compliance MIFARE™ Classic
Baud Rate	Up to 848 kbps (Card Type Dependent)
Security	AA - Active Authentication PA - Passive Authentication BAC - Basic Access Control EAC - Extended Access Control

Contact Card Reader

Optional	ISO/IEC 7816, Part 1, 2, 3
Number of Card Slot	1 x ID1 Card Slot, 2 x ID0 SAM Slots
Baud Rate	9.6 kbps to 115.2 kbps

Mechanical

Dimension (mm)	241 (L) x 180 (W) x 187 (H) Standard Model
Window Dimension (LxW) mm	129 x 87
Window Glass	4mm Thick Clear Glass
Weight (kg)	Approximately 3.2 kg

Electrical & Interface

Power	100-240VAC, 50/60Hz
Interface	USB 2.0
Status Indicators	3 LEDs (Ready, Suspend, Standby) Power-up Self-test Function Status

Environmental

Operating Temperature	+5°C to +45°C
Storage Temperature	-20°C to +50°C
Humidity	0% to 95% RH, Non-condensing

Host PC System Requirement

PC Host Operating System	Windows® 7 / Vista / XP
Programming Language	C++ programming, .NET programming in Microsoft® Visual Studio 2005, 2008

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