PRADOTEC
Innovation for Tomorrow

DPS SERIES

Compact • High Performance Document Reader



DPS 100

Fast and Automatic Document Scanner

FEATURES

MRZ OCR Scanner

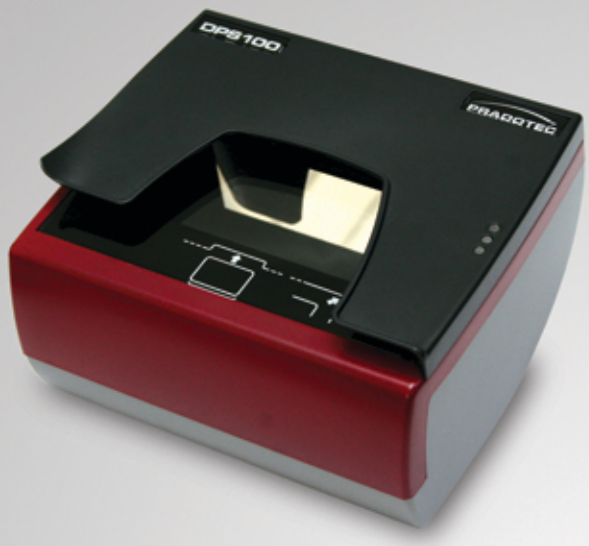
ICAO 9303 Compliant

Full Page ID-1 Scanner

Hotels Check-in

Car Rental

Retail Sales



DPS 500

Dual Antenna, Single Action ePassport Reader

FEATURES

MRZ OCR Scanner

ICAO 9303 Compliant

Contact Card Reader

Standard	ISO/IEC 7816, Part 1, 2, 3
Card Slot	ID1 Card Slot (x1) ID0 SAM Slot (x2)
Baud Rate	9.6 kbps to 115.2 kbps

Contactless Card 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

Border Control

Law Enforcement

Airlines



SPECIFICATIONS

Optical Specifications	DPS 100	DPS 500
Illuminations	Visible (white) Infrared (B900) OVD	Visible (white) Infrared (B900) UV (UVA)
1D Barcode Scanning	EAN8, EAN13, CODE39,CODE128.ITF	EAN8, EAN13, CODE39, CODE128, Interleaved 2 of 5
2D Barcode Scanning	UPC-A, PDF417, Data Matrix, QR Code, Aztec	PDF417, Data Matrix, QR Code, Aztec
Image Resolution	450 dpi	400 dpi
Image Colour Depth	24 bit/pixel RGB, 8 bit/pixel IR image	24 bit/pixel RGB
Document Detection	Automatic Document Detection	Automatic Document Detection
Optical System	-	Built-in DSP Image Processor with Dual Camera
Image Format	JPG, JPG2000, PNG, BMP	JPG, JPG2000, PNG, BMP

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

Electrical & Interface		
Power	From USB Port	100-240VAC, 50/60Hz
Interface	USB 2.0	USB 2.0
Status Indicators (Programmable)	3 LEDs (Green, Yellow and Red)	3 LEDs (Green, Yellow and Red) Power-up Self-test Function Status

Mechanical		
Dimension (mm)	152(L) x 130(W) x 82(H)	241(L) x 187(W) x 180(H)
Window Dimension (LxW) mm	125 x 55	129 x 87
Window Glass	4mm Glass	4mm Thick Clear Glass
Weight (kg)	Approximately 0.6 kg	Approximately 3.2 kg

Host PC System Requirement		
PC Host Operating System	Windows® 7 / Vista / XP / Server 2003 / Server 2008 R2	Windows® 7 / Vista / XP
Programming Language	C / C++, C#, Visual Basic 6.0, Delphi, VB.NET	C++ programming, .NET programming in Microsoft® Visual Studio 2005, 2008



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AUSTRALIA • HONG KONG • MALAYSIA

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