

MARKLAND

MEPR500+

ID & Document Reader



The MEPR500+ is a compact, high-performance **full page** reader built for easy integration into kiosks, eGates, and terminals. Designed for passports, ID-1 documents, driving licence and visas, it scans both sides in one pass, speeding up ID checks.

With its **document** and **contactless** reading capability, it delivers fast and accurate results. Paired with complete SDK, it integrates smoothly and supports secure identity verification across industries from aviation to hospitality.

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MEPR500+

Document Reader



Aviation

Enables fast and secure passenger document verification at check-in and boarding gates using OCR, MRZ, and NFC reading.



Border Management

Supports high-security identity checks by reading travel documents and biometric data for automated and manual border control processes.



Kiosks

Powers self-service kiosks by automatically scanning passports, IDs, and barcodes for user onboarding and authentication.



Hospitality

Streamlines guest check-in by instantly capturing and verifying ID documents and passport information at hotel reception systems.






FEATURES




Connection Types

 USB 2.0

Image Capture

-  Visible
-  Ultraviolet
-  Infrared

Technology

-  NFC / RFID
-  QR/Barcode
-  OCR

[Contact Sales >>>](#)

MEPR500+

Document Reader

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Credential Reading

Document Reader

Type	Full-page document reader
Document Formats	Passports (TD1), Identity Card and Driver Licence (TD3), Visa (TD2)
Document Types (OCR)	<ul style="list-style-type: none">• ICAO compliant travel documents in near infrared (IR)• ICAO 9303 specification Parts 1-4 (2 & 3-line MRZ)• Near ICAO compliant travel documents (e.g. French ID)• ISO-18013 driving licences (1-line MRZ)
MRZ Reading	MRZ 1, 2, and 3 line reading with $\geq 99.8\%$ accuracy
Glass Platen	92mm x 125mm
Image Formats	JPG, BMP
Illumination	Visible/white, near IR B900, UV-A LED
Resolution	400 dpi
Capture Speed	< 2s
Indicator	Red LED (Read Error), Blue LED (Ready), Green LED (Reading)

Contactless Card Reader

ID Formats	National IDs, Passports
ID Types	ISO/IEC 14443 A&B Part 1 - 4 ISO14443/ISO18092
Speed	Up to 848 kbps, T=CL
Interface	PC/SC compliant device

Barcode Reader

QR Formats	Support internal 1D/2D scanner
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SDK

SDK	Full SDK Support
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MEPR500+

Document Reader

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Electronics

Power Supply	External 5VDC 2A
Power Supply Voltage	100 - 240VAC, Frequency 50 - 60Hz
Host Minimum	USB 2.0
Host Minimum	Windows 7 & above, Android 4.6 or above
Host Recommended	Windows 7 & above, Android 4.6 or above

Physical

Dimensions	7.56" x 6.42" x 3.74"
Package Size	14.57" x 10.24" x 9.84"
USB Cable	1.5 m
Body	Black PC/ABS
Weight	Net < 1.1 kg Gross < 2.1 kg
Protection	IP50

Thermal

Temperature	Operating at 0°C to 50°C
Storage	-20° to 50° C
Humidity	20-95% non-condensing

Meet MEPR 500 Series

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Full Page Document Reader



Model		MEPR 500	MEPR 500+	MEPR 500+ SCR
Illumination	Visible	√	√	√
	IR	√	√	√
	UV	√	√	√
	Glass Platen	125* 92 mm		
Contact Card Reader		×	×	600 kpbs
Contactless Card Reader		×	848 kpbs	848 kpbs
Speed		< 1s	< 2s	< 2s
Resolution		400 DPI		
QR Code Reader		√	√	√
√ Yes X No				