

MARKLAND

MEPR 10

ID & Document Reader



The MEPR10 is a compact, high-performance **half page** reader built for easy integration into kiosks, eGates, and terminals. Designed for passports, ID-1 documents, driving licence and visas, it brings **document**, **contact** and **contactless (NFC) reader** together.

The MEPR10 accelerates ID checks and delivers consistently accurate results, even in high-traffic environments. Supported by a complete, SDK, it integrates smoothly into new or existing systems and enables secure, trusted identity verification across industries from aviation and border control to hospitality, banking, and public services.

MEPR10

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 and IDs 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

Technology

 NFC / RFID

 OCR

 Contact Smart Card

Contact Sales >>>

MEPR 10

Document Reader

Credential Reading

Document Reader

Type	Half-page document reader
Document Formats	Passports (TD3), Identity Card (ID1), Visa (TD2), Driving Licence (ID1)
Document Types (OCR)	• ICAO compliant travel documents in near infrared (IR) • ICAO 9303 specification Parts 1-4 (2 & 3-line MRZ) • ISO-18013 driving licences (1-line MRZ)
MRZ Reading	MRZ 1, 2, and 3 line reading with ≥99.8% accuracy
Illumination	near IR B900
Capture Speed	< 2s
Indicator	Orange LED (Read Working), Light Green LED (Ready), Dark Green LED (Reading Contactless)

Contact Card Reader

ID Formats	ID-1 format
ID Types	ISO/IEC 7816 compliant
Speed	Up to 600 kbps, TA1=97
Interface	PC/SC compliant device

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

MEPR 10

Document Reader



SDK

SDK	Full SDK Support for Windows 7 and above, Android 4.6 and above and Linux
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Electronics

Power	USB powered
Interface	USB 2.0 CCID
Connector	1.5 meter cable
Connector Type	USB Type-C

Physical

Dimensions	176.5 × 140.6 × 28.8 mm
Package Size	10.24" × 10.24" × 3.15"
Body	Black PC/ABS
Weight	260g ±5% (MEPR10-OCR) / 300g ±5% (MEPR10) / 315g ±5% (MEPR10+)

Thermal

Temperature	Operating at 0°C to 50°C
Storage	-40° to 80° C
Humidity	0-95% non-condensing

Meet MEPR 10 Series

MARKLAND

Half Page Document Reader



Model	MEPR 10-OCR	MEPR 10	MEPR 10+
Document Reader	√	√	√
Contact Card Reader	600 kpbs	600 kpbs	600 kpbs
Contactless Card Reader	×	848 kpbs	848 kpbs
QR Reader	×	×	√
Speed	< 1s	< 2s	< 2s
√ Yes X No			