

MARKLAND

MEPR 10 - OCR

ID & Document Reader



The MEPR10 - OCR 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** and **contact reader** together.

The MEPR10 - OCR 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 - OCR Document Reader



Aviation

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

 OCR

 Contact Smart Card

Contact Sales >>>

MEPR 10 - OCR 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

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
Connecter Type	USB Type-C

MEPR 10 - OCR

Document Reader



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			