

MARKLAND

MCR 3701

Contactless Smart Card Reader



Contactless Smart Card Reader

Contactless Smart Card Interface

Card Size	• Tokens • NFC-enabled smartphones
Card Types	Tokens, NFC-enabled Smartphones, NFC Wearables, NFC Cards, NFC Tags, Mobile Wallet Credentials
Standards	• ISO/IEC 14443 Type A & B Parts 1-4 • ISO/IEC 18092 (NFC)
Supported Card Types	• ISO 14443 Type A & B • MIFARE™ (Classic, Ultralight, Ultralight C, MIFARE PLUS, DESFire, DESFire EV1 2/4/8k), Calypso, CD21 • FeliCa™ • NFC Forum Tag types 1, 2, 3, 4
Operating Frequency	13.56 MHz
Reading Distance	Up to 50 mm (Depending on tag type)
Read / Write Speed	Up to 848 kbps (ISO14443)
Supported NFC Mode	Card Reader/Writer

Host Interface

Protocol	USB CCID
Connector Type	USB Type A & C connector
Speed	USB 2.0 Full Speed (12 Mbps) / (USB 1.1/3.0 compliant)
Operating Systems	• Windows® 7/8/10/11 (32/64 bit) • Windows® Server 2008/2012/2016/2019, Windows XP • macOS 10.9.x - 12.2.x • Linux 2.6.x, 3.x, 4.x, 5.x (32/64 bit) • Android 4.0 and higher
Driver	CCID native driver from operating system
Supported APIs	PC/SC - API

Physical

Dimensions	75 x 25 x 17 mm
Weight	16 g
Status Indicator	LED

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Operating Conditions

Operating Temperature	0° to 50° C
Operating Humidity	0-95% rH
Storage Temperature	-25° to 85° C

Certification & Compliance

Certifications	CE, RoHS
Compliance	ISO/IEC 14443, USB 2.0 Full Speed, CCID, Microsoft® WHQL

Warranty

Warranty	1 year
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