

MMS Dyna Devices

MagTek Quantum™ Secure Readers



Left to right: DynaFlex II PED, DynaFlex II Go, DynaProx, DynaFlex II SCR

Uncommon Products with a Common SDK

With EMV Common Kernel Technology, EMV and NFC functionality, and AES-256 encryption, these card readers deliver secure, high-performance solutions.

MagTek's MMS Dyna Devices bring a new level of security to your point-of-sale platform with dynamic authentication, encryption, and tokenization. Using AES 128/256 or Triple DEA encryption and DUKPT key management, transactions are more secure. The newest MMS Dyna Devices include DynaFlex II PED, DynaFlex II SCR, DynaFlex II Go, and DynaProx.

These devices use a common SDK and are ready for payment and non-payment acceptance.

TRANSACTIONS

- TAP
- DIP
- SWIPE
- ENTER
- SCAN
- MOBILE

SOLUTIONS

- PAYMENTS
- ACCESS
- AUTHENTICATION

APPLICATIONS

- KIOSK
- MOBILE
- COUNTERTOP

To get started contact:
retail.solutions@magtek.com

MMS Dyna Devices Key Benefits

MagTek's MMS Dyna Devices deliver a robust, versatile, and secure payment solution ideal for businesses seeking reliable and future-proof transaction devices. Built upon over 50 years of industry-leading expertise, MMS Dyna Devices offer unparalleled flexibility and comprehensive security designed to meet the diverse needs of modern payment and access environments.

Universal Compatibility

Global card acceptance through a unified, contactless kernel supporting major payment networks, including:

- **Visa, Mastercard, American Express, Discover, China UnionPay, JCB, and Interac**

A Universal SDK ensures smooth integration across multiple operating systems, while Web HID compatibility simplifies deployment within web-based applications.

- **Windows, Mac, Linux, iOS, and Android**

Comprehensive Certification & Security

Dyna Devices are PCI PTS 6.x certified

Safeguarding sensitive transaction data to the highest industry standards.

Certifications by the Australian Payments Network and Magensa Level 3

Further reinforce trust, offering enhanced protection and compliance tailored for rigorous security requirements in the US, Australia, and globally.

Qwantum Security by MagTek

Provides an advanced, multi-layered security solution combining AES encryption with CMAC authentication, robust tokenization methods, and physical authentication via Qwantum cards and secure readers, delivering unmatched protection against counterfeit, fraudulent, or tampered transactions.

Robust and Adaptable Hardware

With multiple form-factors including mobile, countertop, and kiosk options, Dyna Devices easily adapt to diverse operational settings. Compact designs accommodate limited spaces, while flexible mounting options allow installations in countertop, vertical, and horizontal kiosks.

Engineered for durability, DynaProx is outdoor and IK-rated for impact resistance, providing reliability in demanding environments.

Enhanced User Experience

Customizable screens and optional accessories including a keypad overlay for DynaFlex II PED, providing an additional layer of flexibility and convenience for PIN entry and user interactions. Added features include tailored audio feedback and an intuitive Passcode Lock Feature to further secure devices from unauthorized access.

Versatile Payment and Transaction Methods

Support an expansive range of transaction types:

- **Both payment and non-payment interactions.**

Device dependent, they seamlessly accept:

- **Traditional magnetic stripe (MSR)**
- **EMV Contact Chip**
- **EMV Contactless**
- **NFC Contactless and Mobile Wallets including**
 - **Apple® Pay, Google Pay®, and Android Pay®**
 - **Apple® VAS and Google™ SmartTap protocols**
- **Venmo® and PayPal®**

Additional transaction support includes:

- **Barcode and QR code scanning**
- **NTAG® and MIFARE®**
- **Manual entry, PIN entry, and signature capture**
- **NFC Card Emulation enabling comprehensive customer engagement.**

Advanced Connectivity Options

Extensive connectivity options, including USB, Bluetooth Low Energy (BLE), Wireless LAN (WLAN), and MQTT. Facilitate smooth and secure communication in various business environments, ensuring flexibility in deployment and integration with existing infrastructure.

Comprehensive Management & Support

MagTek simplifies device management through its integrated, PCI-certified Magensa gateway and robust Reader Management System (RMS). Secure Remote Key Injection capabilities streamline key management processes, while remote firmware, tag, and CAPK updates ensure that devices stay current, secure, and compliant. Other services can be leveraged for card and PIN management via the QwickCards platform or the QwickPIN API making Dyna Devices highly flexible for a variety of banking applications.

Choosing MagTek's MMS Dyna Devices means investing in secure, versatile, and user-friendly transaction technology, backed by decades of proven reliability and industry expertise.



	DynaFlex II PED	DynaFlex II SCR	DynaFlex II Go	DynaProx
Compliance	PCI PTS, PED 6.x, SRED	PCI PTS, SCR 6.x, SRED	PCI PTS, SCR 6.x, SRED	PCI PTS, SCR 6.x, SRED
Operating System	Android, iOS*, Windows, **Mac, **Linux	Android, Windows	Android, iOS, Windows	Android, iOS, Windows
Connection / Interface	USB-C, WLAN, **MQTT *iOS via WLAN/MQTT only	USB-C only	USB-C and Bluetooth® LE • BLE: Android, iOS, Windows • USB HID: Android, Windows • USB iAP2: iOS	USB-C, RS-232, USB iAP2 only for iOS
Optional Mounts and Accessories	Kiosk Mount PIN Overlay Charging Cradle	Kiosk Mount Charging Cradle	OtterBox adaptor Charging stand	Kiosk Mounting Points OtterBox adaptor Charging stand
Touchscreen	PIN Entry, Manual Entry, Signature Capture	NA	NA	NA
PAYMENT AND ACCEPTANCE				
NFC/EMV Contactless	YES	YES	YES	YES
Mobile Wallets	YES	YES	YES	YES
EMV Contact Chip	YES	YES	YES	NA
Magnetic Stripe	YES	YES	YES	NA
Non-Payment Acceptance	NTAG, MIFARE/DESFire	NTAG, MIFARE/DESFire	NTAG, MIFARE/DESFire	NTAG, MIFARE/DESFire
NFC Card Emulation	YES	YES	YES	YES
ENVIRONMENTAL				
INGRESS PROTECTION	Splash Resistant	Splash Resistant	NA	IP66 AND IK08
BARCODE READING, BCR (QR CODES, 1D/2D BARCODES)				
OPTIONAL BCR	YES	YES	YES	YES

NA: Not Available

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Founded in 1972, MagTek is a leading manufacturer of electronic systems for the reliable issuance, reading, transmission, and security of cards, barcodes, checks, PINs, and identification documents. Leading with innovation and engineering excellence, MagTek is known for quality and dependability. Our hardware products include secure card reader/authenticators, Quantum secure cards, token generators; EMV Contact Chip, EMV Contactless, barcode and NFC reading devices; encrypting check scanners, PIN pads, and credential personalization systems. These products all connect to Magensa, a MagTek owned gateway that offers businesses the ability to securely process transactions using authentication, encryption, tokenization, and non-static data. MagTek is headquartered in Seal Beach, CA, please visit www.magtek.com to learn more.

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