DynaFlex II PED
Dyna Device, PCI PTS POI, 6.x, SRED

DynaFlex II PED delivers exceptional versatility and robust security in a compact, user-friendly device, revolutionizing the way businesses handle transactions. Its extensive payment and digital transaction acceptance ensures businesses can effortlessly accommodate diverse customer preferences for card-present, card-not-present, access, and authentication interactions.

Dyna Device
- **MagTek EMV Common Kernel**
- **AES/TDES Encryption**
- **Qwantum™ Security**

OPERATING SYSTEMS
- **Android**
- **Windows**
- **iOS (using WLAN)**
- **Mac**
- **Linux**

ACCEPTED TRANSACTIONS
- **EMV Contactless**
- **NFC Contactless**
- **PayPal®, Venmo®**
- **Google SmartTap™, Apple VAS®,**
- **Apple Pay®, Google Pay™, Samsung Pay℠**
- **MIFARE®, MIFARE® DESFire®, NTAG®, MIFARE® Ultralight**
- **Reads 1D/2D Barcodes/QR Codes**
- **PIN, Manual Entry, Signature Capture**

Focus on Security

Certified to the latest standards and using MagTek's Qwantum Security technology, the device safeguards transactions with advanced encryption, DUKPT key management, and CMAC authentication. Enhanced by innovative security features such as Qwantum Card Authentication and Qwantum Multifactor Authentication for high-risk transactions, and an onboard passcode lock, it offers unmatched protection against fraud and unauthorized access.

Versatile and Future-Ready

Flexible connectivity options - including USB HID (USB-C), WLAN, and MQTT - enable seamless integration with Windows, Mac, Linux, Android, and iOS platforms. Robust SDKs simplify app development across ecosystems. A vibrant touchscreen paired with a dynamic, customizable user interface elevates customer interaction, while built-in PIN entry and signature capture enhance transaction security. Broad compatibility with MIFARE, Apple VAS, Google SmartTap, and NFC Card Emulation unlocks powerful use cases for loyalty, gift, and access-control applications, driving deeper consumer engagement.

Flexible

Ideal for countertop, kiosk, and portable tableside operations, the DynaFlex II PED offers robust, secure, and flexible payment processing - empowering businesses to excel in most indoor environments. An optional charging dock enables convenient untethered use, and the available touchscreen overlay provides precise tactile feedback, allowing busy call centers and back-office teams to confidently enter sensitive payment card information manually without compromising security.

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

Magensa Cloud Services

DynaFlex II PED is certified for use with Magensa Cloud gateway, tokenization, and remote services. MagTek's secure remote services include key injection and device configuration and are compliant with PCI P2PE environments.

DynaFlex II PED BCR Kiosk

Flat Kiosk Mount Shown Here

DynaFlex II PED BCR

Countertop Form Factor Shown Here.

Screens are simulated and
do not represent actual screen resolution.

Specifications	
Payment methods	
Magnetic Stripe Card Reader	Secure card reader authenticator Triple track (TK1/2/3); bi-directional read; ISO 7810, 7811; AAMVA driver licenses; 6 ips to 60 ips
EMV Contact Chip	EMVCo L1 and L2 ISO/IEC 7816
EMV Contactless	EMVCo L1 and L2 Contactless Reader; PayPass/MCL, payWave, Expresspay
NFC Contactless / Mobile Wallets	ISO/IEC 18092, ISO/IEC 14443 (Type A/B); mobile wallets including but not limited to Google Pay, Samsung Pay$, Apple Pay; MIFARE Classic, MIFARE DESFire, NTAG
Barcode / BCR devices only	QR Code (color encoded, logo-based), Linear Barcodes, UPC-A, UPC-E, Aztec, EAN-13, Code 39, Code 128, PDF417/ Data Matrix, etc.
Reliability and Operation	
MSR / SCRA Life	1 million swipes
ICC Read Head Life	500,000 insertions
Compatible Operating Systems	Windows 10, Android 4.4.2 +: USB & WLAN iOS/iPadOS: WLAN; Mac and Linux
CPU	K81
Touchscreen display for manual entry and signature capture	See Installation & Operation Manual for complete details. 320x240 ppi (RGB) Dots
Status indicators	4 LEDs, auditory beep
General	
Connections/Interfaces	USB-C; WLAN (select models); MQTT; Web HID
Magensa Cloud Services	Gateway, Tokenization, and Remote
Electrical	
Rechargeable Battery/Charging	Select WLAN models
Current and Power	Power and charging through USB
Security and Certifications	
Compliance	FCC, CE, UL, UKCA See Installation & Operation Manual for complete list.
PCI, SRED	PCI PTS POI v6.x
Qwantum Security	Encryption, Tokenization, Authentication, Dynamic Data, Qwantum Multifactor Authentication
Encryption	TDEA/DUKPT, AES-128/256 with CMAC Authentication
Mechanical	
Dimensions W x L x H	**Without Kiosk Mount:** BCR: 4.1x3.5x1.9 in No BCR: 4.1x3.7x1.9 in. **With Kiosk Mount:** 4.1x3.5x1.9 in. (103.3x 90.0x48.3mm)
Mount/Stabilizer/Accessories	• Micro Suction Feet • Lanyard Mount Point • Kiosk Mount • Touchscreen Tactile Overlay • Charging Cradle
Environmental	
Temperature Operating and Storage	32°F to 113°F (0°C to 45°C) 14°F to 140°F (-10°C to 60°C)
Humidity (non-condensing) Operating and Storage	10% to 90%

NEW FEATURES

MQTT (wireless connection) | Web HID | QMFA Support | Passcode Lock | NFC Card Emulation | Flexible UI | Touchscreen Tactile Overlay | Larger Signature Capture

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, Qwantum 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.

MAGTEK®
SECURITY FROM THE INSIDE