Bluefin®
Payment Systems

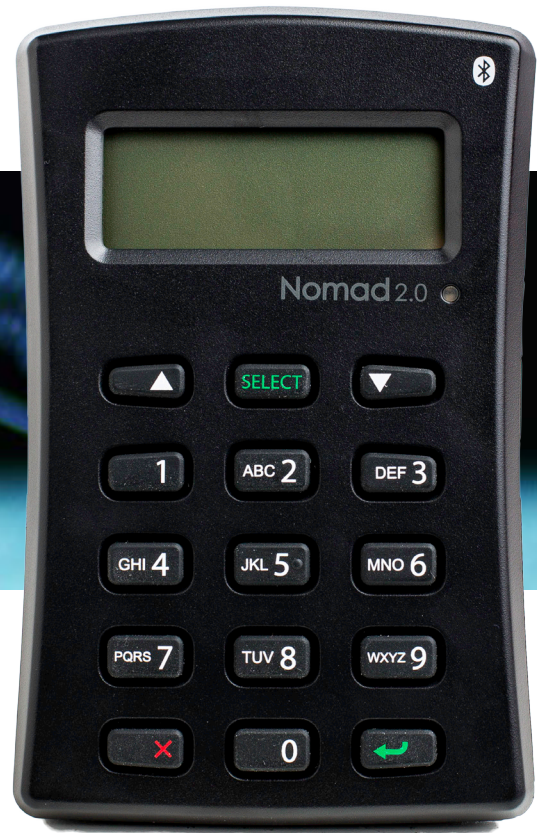# Nomad 2.0™

Mobile Chip and Signature Device

The robust and flexible Nomad is designed to meet the needs of merchants seeking a secure mobile commerce device that supports mag-stripe, and EMV chip & signature transactions.

The small form factor makes it the ideal mobile payment device for taking secure payments anywhere, anytime. Bluetooth or USB connectivity easily pairs with a smartphone or tablet.

Nomad is the ideal solution for developers interested in integrating certified payment functionality into tablet and smartphone mPOS solutions. Easy to use APIs and SDKs facilitate quick integration of payments.

Robust security and encryption combine to protect cardholder data, and account information is never stored in the device or phone.

Support for iOS, Android, Windows Phone 8, and Windows 8 means that Nomad works with all the popular mobile and tablet operating systems.

Features & Benefits

Expanded Payment Options

Card-present credit, debit, and EMV chip & signature

Multipurpose

Ideal mobile payment POS for any smartphone, Wi-Fi enabled device, tablet, or PC

Flexible Connectivity

Communicates via Bluetooth or USB

Superior Security

PCI SSC PTS 3.1, EMV Level 1 & 2 Visa Ready, MasterCard MPOS, and Amex-enabled certification approvals

Nomad 2.0™

- Micro USB port for charging
- Secured PIN pad
- 3 mm
- 16 mm
- 113.2 mm
- LED Indicator
- On/Off & Pairing Buttons

Dual Track Mag Stripe Reader

EMV Chip Functionality

Nomad 2.0 Product Specifications

Functions	• EMV Card Reader • Magstripe Card Swiper • Secured PIN pad	**Key Management**	DUKPT, MK/SK
Card Reader	Dual track (tracks 1 & 2 or tracks 2 & 3)	**Light Indicator**	• Green light "Flashing" -> Operating • Red light "Flashing" -> Low battery • Red light "On" -> Charging • Green light "On" -> Charging complete
Swipe Speed	10 cm/sec – 100 cm/sec	**Encryption Algorithm**	TDES, AES
Power & Battery	Built-in Lithium Polymer Rechargeable Battery 400 mAH, 3.7 V	**Software Support**	Android, iOS, Windows Phone, Windows Universal, Windows PC, J2ME
Charging	Via Micro USB	**Bluetooth**	2.0
in/Out Put	10 numerical buttons, 3 functional buttons, on/off button, pairing buttons	**in/Out Put**	FCC, CE, EMV L1 & L2, PBOC 3.0 L1 & L2, PCI PTS v3.1, Visa, Ready, MasterCard MPOS, Amex Enabled, APCA