

Black Pearl

# NOIRE 710



## The NOIRE 710 intelligent pinpad for secure processing of cardholder data

**Connects to the NOIRE 910 Portal, PC POS system or ECR.**

No matter what it is connected to, EMV chip and pin, contactless and magnetic strip transactions are securely processed by the NOIRE 710. Multi-media capabilities support revenue generating digital video applications and prompt the cardholder through the transaction.

### Quick Facts

- Compact size means the the NOIRE 710 is easy to hold and looks great at your point of sale
- Large hi-resolution color QVGA display complements multimedia and business applications
- Speaker prompts cardholder throughout the payment process and complements the multi-media graphics functionality

- Large memory provides for multiple business applications, loyalty, gift card and multimedia video
- Cardholder data is protected by the latest PCI 3 security standard
- The pinpad reads all ISO standard cards: magnetic strip, EMV Chip and Pin and Contactless RFID\*
- Hard top tactile keys deliver a hi-end feel and years of reliability
- The NOIRE 710 is certified EMV Level 1, Interac TSTR and PCI 3

*\*Contactless RFID is optional*

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# NBS Payment Solutions Pinpad

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## NOIRE 710

### Features & Benefits

#### 1. Secure Application processor

ARM 9 32 BIT 400 MHZ

Powerful and secure to process transactions quickly

#### 2. Memory

Standard configuration is 64 MB DDRAM and 256 MB Flash. More memory is factory configurable

Large memory improves performance and supports the remote loading of software in the background

#### 3. Color Display

2.8" QVGA (240 x 320 pixel) color display

Unsurpassed quality for multimedia and graphics rich business application screens

#### 4. Keyboard

Seventeen keys are metal dome hardtop, alpha-numeric, labelled and color coded by function to meet Interac requirements. Function keys are embossed to ADA international standards and are backlit

Metal dome technology provides superior reliability. Hard top keys deliver a high end feel. ADA compliance facilitates data entry by the visually handicapped.

#### 5. Audio Speaker and Microphone

A high quality speaker is provided

Cardholder audio prompts assist cardholders throughout the transaction

#### 6. Card Readers

The pinpad is configured with an ISO 7811 standard track 1,2 and 3 magnetic strip vertical swipe card reader and an EMV Level 1 ISO 7816 compliant chip and pin card reader / writer. It is optionally available with an EMV Contactless Level 1 ISO 1443 reader

All current ISO standard cards are accepted as payment options on the device, eliminating the need for a peripheral contactless reader

#### 7. Communications

The pinpad is factory configured RS232, USB and Ethernet and is enabled with cable selection

This simplifies asset management and support, reducing overall cost

#### 8. Industry Certifications

The NOIRE 710 is EMV Level 1, PCI 3 and Interac TSTR certified

NBSPS kernels are EMV 2 contact and VISA Mastercard and Interac contact and contactless certified

#### 9. Operating System

The operating system is Secure Linux

Secure Linux operating system opens application software development to Linux shops

#### 10. Environmental Operating Conditions

Temperature: 0c – 50c

Relative humidity: non condensing 5% – 90%

#### 11. Dimensions and Weight

Footprint: 84mm Wide x 117mm Long x 38mm High

Weight: 245 gm

#### 12. Spare Components and Options

**RS232 Cable with hub and power adapter:** 2 metres long

**USB cable (hub and power adapter is optional):** 1.8 meters long

**Ethernet Cable with hub and power adapter:** 2 meters long

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