



Black Magic

NOIRE 510h



The NOIRE 510h HSDPA Mobile Point of Sale Terminal.

Transacting over the HSDPA network, the NOIRE 510h payment terminal is for mobile merchants: taxis, towing services, home delivery, outdoor markets and merchants that just want to be free of wires. Multimedia capabilities support revenue generating value add services.

Quick Facts

- Compact innovative styling means the 510h looks great at the point of payment...wherever you take it
- Hi-resolution color QVGA display for multimedia and graphics rich user interfaces
- A speaker provides audio prompts
- A microphone supports hands-free mobile speaker phone functionality
- Memory is sized for multiple applications - loyalty, prepaid, gift card and software downloading in the background

- Intelligent Lithium Ion battery pack can be charged anytime and anywhere – in your vehicle or in your retail location
- Reads Magnetic Strip, EMV Smart Cards, EMV Contactless and NFC enabled devices
- Hard top tactile keys deliver a hi-end feel and longterm reliability
- Certified EMV1 and PCI PTS V3.0
- Secure Linux operating system - qualified Linux shops can develop custom applications
- Integrated battery charging circuitry

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NBS Payment Solutions Mobile Terminal

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Features & Benefits

1. Application processor

ARM 9 32 BIT 400 MHZ

Delivers power to run multimedia and feature rich applications

2. Memory

64Mb DDRAM 256Mb FLASH. More is factory configurable

Enhances performance, supports remote software downloading in the background and helps future proof the terminal

3. Display

2.8" QVGA (240 x 320) pixel color display

Premium quality for enhanced multimedia and graphics rich application user interfaces

4. Keyboard

Seventeen alpha-numeric hard top keys backlit and embossed to ADA standard

Premium style and under printed deliver a high end feel and protect legends against wear

A 4-way navigation button simplifies scrolling

5. Audio Speaker and Microphone

Cardholder audio prompting

The terminal doubles as a hands-free speaker phone

6. Card Readers

ISO standard 3 Track Magnetic Strip Reader, EMV1 Contact Chip Card Reader, EMV1 Contactless Chip Card Reader, NFC

All standard cards can be read plus mobile and other NFC devices

7. Printer

A premium integrated clam shell printer is speed rated at 15 LPS

8. Intelligent Lithium Ion Battery Pack

A hi capacity Smart Battery pack can log recharges and display realtime charge status

More transactions per battery charge

9. 3G HSDPA Radio

Hi-performance for data rich multimedia applications and fastest transaction processing and software downloads

10. Industry Certifications

EMVCo1 and PCI PTS V3.0 certified

NBSPS kernels are EMV2 VISA, Mastercard, Interac contact and contactless certified

11. Operating System

Secure Linux

Applications can be developed by qualified Linux shops

12. Environmental Operating Conditions

Temperature: 0c – 50c

Relative humidity: non condensing 5% – 90%

13. Dimensions and Weight

Footprint: 85mm Wide x 204mm Long x 52mm High

Weight: 350 gm including battery

14. Spare Components and Options

Terminal Charging Cable: Plugs directly into terminal or optional charging cradle available

Vehicle Charging Cable: Charges the terminal in your vehicle

Intelligent Battery Packs: Available as spares or for replacement

NOIRE Managed Services

1. Terminal Managed Services

Remotely download merchant parameters and software upgrades and collect diagnostics data

2. Gateway Value Add Services

More value for merchants and cardholders - Loyalty Points, Gift Card, Reports, P2PE...NOIRE Managed Services can deliver them

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