

# Sign & Pay™

PCI 2.1 Certified Payment Terminal

## Product Overview

ID TECH Sign&Pay is a PCI 2.1 certified payment terminal with integrated Magstripe reader, PIN Pad and LCD signature panel. It provides excellent card reading performance as well as a bright, easy to read screen. An optional, external contactless reader module can also be attached to the device for hardware upgrades.

## Ease of Use

The user can swipe the cards and enter PIN number or author signature for transactions. The large color LCD screen makes on-screen navigation easy with the stylus. The device is command-driven and fully programmable to display custom graphics and prompts.

## Well-Designed Package

The screen is uniquely positioned on the bottom of the device for a better signing experience. The PCI 2.1 certified PIN Pad is recessed to provide maximum privacy. The stylus holder can be conveniently mounted on the right or top of the unit. It can be mounted on a stand or placed on a countertop. The contact form factor also enables handheld use. Sign&Pay is ideal for retail, banking, and self-service industry.

## Features and Benefits:

- PCI 2.1 certified payment terminal
- DES and TDES encryption algorithms for PIN encryption
- AES, DES, and TDES encryption algorithms for MagStripe data encryption
- DUKPT Key Management
- Supports encrypted manual card data entry
- 3.5" QVGA color LCD
- Resistive touch pad technology
- Real-time electronic signature capture
- Signature format supported: .jpg, .bmp .png, .sig and .raw
- Host controlled graphics and prompts display
- Calibration mode available
- Optional ID TECH Xpress CM100 contactless module

Certified by:

- American Express Express Pay
- Discover Zip
- MasterCard PayPass
- Visa payWave
- EMV Contactless 2.0.1



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# Sign & Pay™ Specifications IDFA-XXXX

## Electrical

Interfaces: USB HID, RS232  
Power: 5VDC  $\pm$  10%

## Mechanical

Dimensions: 6.18 in (157.15 mm) x 5.96 in (151.35 mm) x 2.36 in (59.95 mm)  
Dimensions (with contactless): 8.90 in (226.06 mm) x 5.96 in (151.35 mm) x 3.43 in (87.12 mm)  
Weight: 1.25 lb (20.00 oz)  
Weight (with contactless): 1.57 lb (25.12 oz)  
Cable Length: 6 ft (1.83 m)

## Display

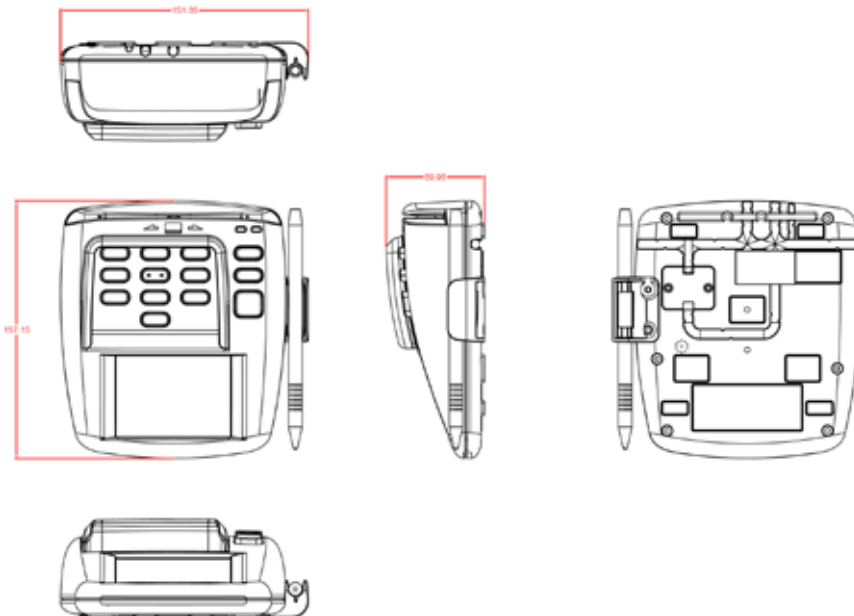
Screen Type: QVGA  
Screen Size: 3.5 inches diagonal  
Display Resolution: 320 x 240 pixels  
Touch Pad Sampling Rate: 118 samples/second  
Touch Screen: Resistive

## Environmental

Operating Temperature Range: 0°C to 55°C (32°F to 131°F), non-condensing  
Storage Temperature Range: -30°C to 65°C (-22°F to 149°F), non-condensing  
Relative Humidity: maximum 95% non-condensing  
ESD: 4 kV direct contact, 8 kV air discharge

## Reliability

Magnetic Head Life: 1,000,000 passes minimum  
Rail and Cover Life: 1,000,000 passes minimum  
MTBF: 300,000 POH



# IDTECH®

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