Sign&Pay™

PCI 2.1 Certified Payment Terminal

Product Overview

The ID TECH Sign&Pay is a PCI 2.1 certified payment terminal with an 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 MagStripe cards and enter PIN numbers or author signatures 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 at the bottom of the device for a better signing experience. The PCI 2.1 certified PIN Pad is recessed to provide maximum privacy. The Sign&Pay can be mounted on a stand or placed on a counter top. The compact form factor also enables handheld use. The Sign&Pay is ideal for the retail, banking, and self-service industries.

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, and EMV Contactless 2.0.1**

- Optional contactless module
- MagStripe Reader
- Secure PIN Entry
- LCD signature panel

IDTECH®

Value through Innovation

Sign&Pay™

Specifications IDFA-XXXX

Electrical

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

Environmental

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

Reliability

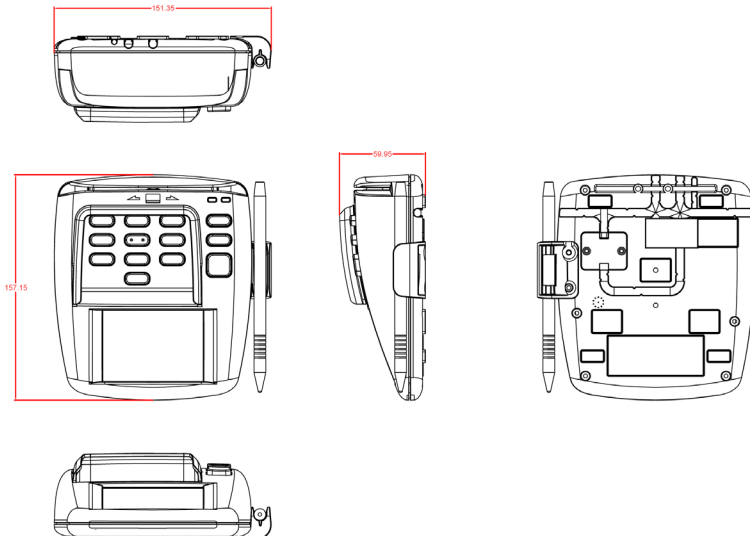|	
Operating Life:	MagStripe Reader: 1,000,000 passes minimum
	Rail and Cover: 1,000,000 passes minimum
	MTBF: 300,000 POH

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

Mechanical

Dimension (L)x(W)x(H):	6.18 inches (157 mm) x 5.96 inches (151 mm) x 2.36 inches (60 mm)
Dimension (with contactless):	8.90 inches (226 mm) x 5.96 inches (151 mm) x 3.43 inches (87 mm)
Card Thickness:	0.015 inches (0.38 mm) minimum
	0.038 inches (1 mm) maximum
Weight:	1.25 lb (20 oz)
Weight (with contactless):	1.57 lb (25.12 oz)
Cable Length:	6 ft. (1.83 m)

Footprint:

United States Sales Office

Corporate Headquarters
10721 Walker Street
Cypress, CA 90630
Phone: (714) 761-6368
Toll Free:(800) 984-1010
Fax: (714) 761-8880
sales@idtechproducts.com

International Sales Offices

Asia
+866-3-496-6988 (Taiwan)
asia@idtechproducts.com.tw

Canada
+450-465-5261
robertop@idtechproducts.com

South America
+55-11-3079-2255
internationalsales@idtechproducts.com

Europe
Germany & United Kingdom
emea@idtechproducts.com

ISO 9001 Certified

IDTECH®

Value through Innovation

www.idtechproducts.com