

uSign™ 200

Signature Capture Pad

Signature Capture

ID TECH introduces uSign™ an electronic signature capture device with a back-lighted graphic LCD display with signature panel. The users can view their signatures in real time during the signing process. The graphic display provides for interactive text, which supports pen-tap commands and function selections. The interactive mode allows customers to select and navigate transactions with just the stylus. Signatures are compressed and provided to a host system for signature & data storage.

Speed & Convenience

The use of electronically captured signatures has become common for Point of Service (POS) applications. Electronic signature reduces transaction time, eliminates sorting & sending paper, provides convenient electronic storage, and transmission, and gives legal accountability (non-repudiation) for POS transactions. The POS applications include retail, hospitality, Self-service, and Quick Service Restaurants.

A Convenient Package

The LCD & touch sensitive screen are housed in a rugged plastic case. The case provides a tethered non-electronic stylus. A metal mounting plate secures the uSign case to a desk or counter top when required. A palm rest area below the signature panel provides support making the signing process easy. A removable overlay on the uSigns' display covers and protects the signature area, thereby allowing replacement when the signature area becomes worn from stylus use.

Features and Benefits

- Replaceable tethered stylus, passive type stylus
- Resistive touch pad with transparent, replaceable protective overlay
- Electronic signature capture with Buffered signature capability
- Sampling rate up to 190 dots per second 1024 dot/inch resolution
- Real time signature capture with 5:1 compression
- Raw data output available
- Firmware filters spikes and provides Smoothing
- Real-time graphics display of signature during capture
- Host controlled graphics display when not in signature process
- Calibration Mode and functions
- Command & response driven operations through an API
- Demo application runs in Windows 2000 & XP environment



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uSignTM Specifications IDUA-XXXXXX

Electrical

Power Requirements: 5VDC at 150mA
120V AC adapter or USB host terminal port

Interfaces: RS232, Baud rate from 1200 to 115200
USB, 2.0 Full Speed (Common Device Class)

Environmental

Operating Temperature: 34°F to 113°F (1°C to 45°C)

Storage Temperature: 14°F to 158°F (-10°C to 70°C)

Humidity: 10% to 95% non-condensing

Touchpad: Resistive, transparent, pressure-sensitive screen

Display: 3.7 inch STN monochrome LCD

Sampling Rate: Up to 190 samples per second

Touchpad Resolution: 1024 dpi

Display Resolution: LCD Resolution: 192 x 64 dots

Overlay Screen: Removable/Field replaceable signature surface

Dual color LED: Signature Pad or Host controlled

Mechanical

Dimensions(L) x(W) x (H): 5.75 inches (14.6 cm) x 5.1 inches (13.0 cm)x 1.57 inches (4.0 cm)

Signature area: 3.5 inch diagonal.

Weight: 0.37 kg (0.82 lb)

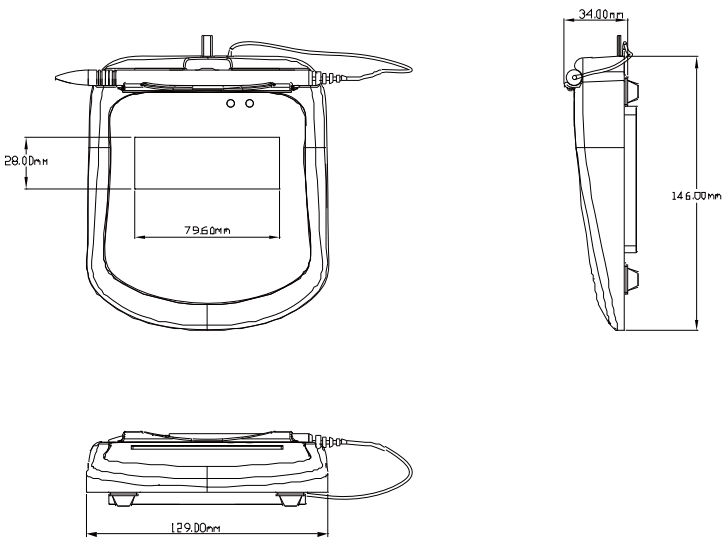
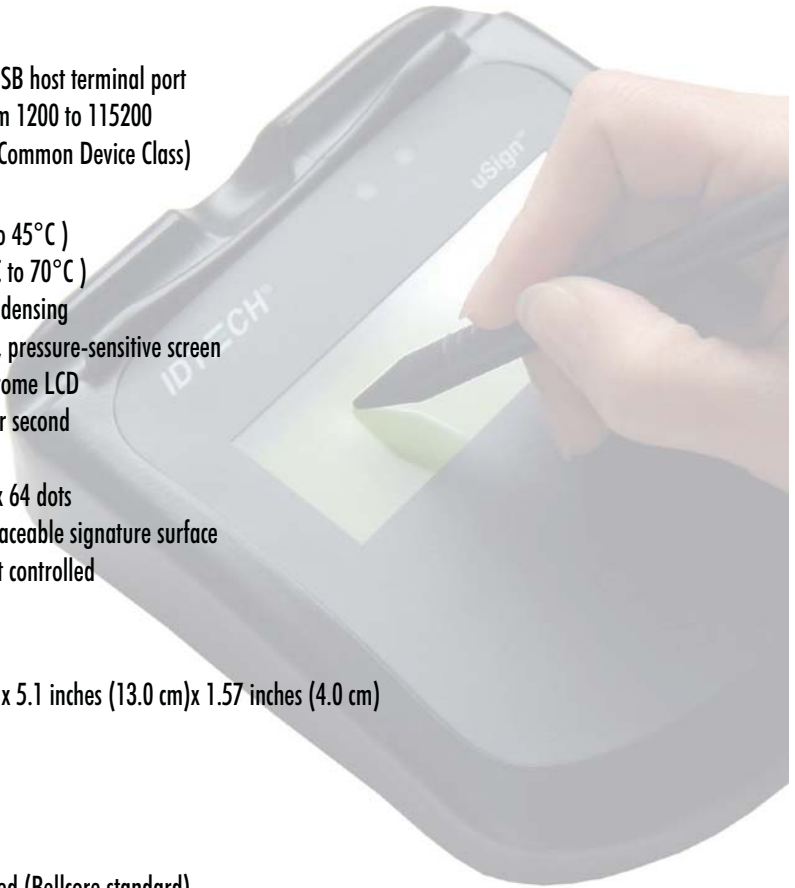
Reliability

MTBF: 200,000 POH calculated (Bellcore standard)

Approvals: FCC Class B, CE, RoHS

ESD Immunity: 4KV to 8 kV min, after reset
Meets or exceeds IEC 1000-4-2

Footprint:



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