

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



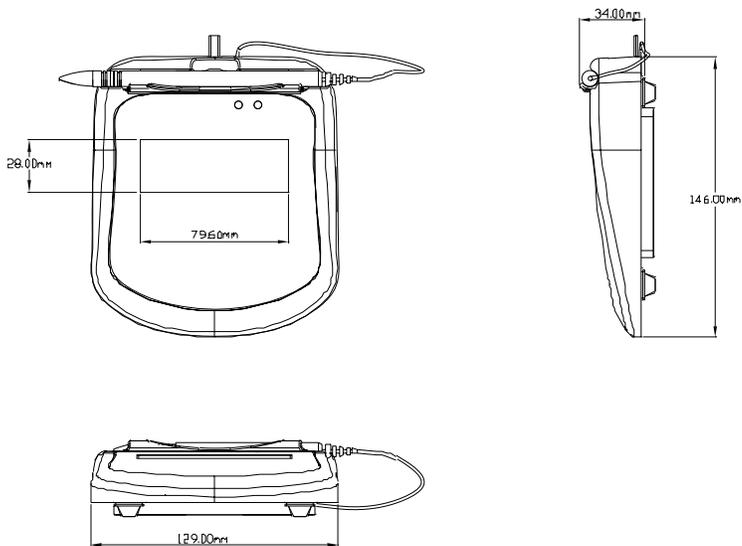
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IDUA-XXXXXX uSign™ 200 Specifications

Operating Parameters

Power	5VDC at 150mA
Communication interface	120V AC adapter or USB host terminal port RS232, Baud rate from 1200 to 115200 USB, 2.0 Full Speed (Common Device Class)
Temperature ranges	Operating, 1°C to 45°C (34°F to 113°F) Storage (sealed), -10°C to 70°C (14°F to 158°F)
Relative 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
Dimensions	Width: 13.0 cm (5.1 in) Length: 14.6 cm (5.75 in) Thickness: 4.0 cm (1.57 in) Signature area: 3.5 inch diagonal.
Weight	0.37 kg (0.82 lb)
Agency Approvals	FCC Class B, CE
Electronics MTBF	200,000 POH calculated (Bellcore standard)
Electro-Static Discharge	ESD immunity is 4kV contact, and 8kV air discharge Meets or exceeds IEC 1000-4-2
RoHS	RoHS Compliant



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