

uSign™ 300

Signature Capture Pad

Signature Capture

The ID TECH uSign™ 300 is an electronic signature capture device with a color LCD display. Users can view their signatures in real-time during the signing process. The graphic display provides interactive text and pen-tap selection allowing customers to select and navigate transactions with the stylus. In addition, the color LCD can display company logos, promotions and custom graphics.

Speed and Efficiency

The use of electronically captured signatures is a common practice to authorize payments in Point of Service (POS) applications. Electronic signature reduces transaction time, eliminates sorting and 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 and touch sensitive screen are housed in a rugged plastic case. The touch-sensitive LCD screen is housed in a rugged plastic case. The case provides a tethered non-electronic stylus. A metal mounting plate secures the uSign™ 300 to a desk or counter top when required. A palm rest area below the signature panel provides support to make the signing process easy.

Features and Benefits:

- Electronic signature capture with buffered signature capability
- Replaceable tethered, passive-type stylus
- Resistive touch pad
- 3.5" QVGA Color LCD
- Sampling rate up to 118 dots per second
- Touch pad resolution 1024 dots per inch
- Real time signature capture with 5:1 compression rate
- Raw data output available
- Firmware filters spikes and electronic noise
- Real-time graphics display of signature during capture
- Host control graphic and text display
- Calibration mode and functions
- Command and response driven operations through an API
- Demo application runs in Windows environments



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uSign™ 300 Specifications IDUB-XXXXXX

Electrical

Power Requirements:

5VDC at 170mA
120V AC adapter or USB host terminal port
RS-232, Baud rate from 1200 to 115200
RS-232, USB HID

Interfaces:

Environmental

Operating Temperature:

0° C to 55° C (32° F to 131° F)

Storage Temperature:

-30° C to 65° C (-22° F to 149° F)

Humidity:

10% to 95% non-condensing

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

Warranty:

One year, parts and labor



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" QVGA Color LCD

Weight:

0.42 kg (0.93 lb)

Touchpad:

Resistive

Sampling Rate:

Up to 118 samples per second

Touchpad Resolution:

1024 dpi

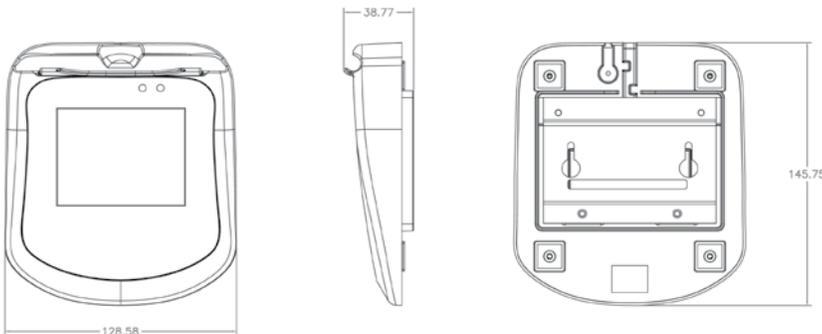
Display Resolution:

LCD Resolution: 320x240 pixels

Dual Color LED:

Signature Pad or Host Controlled

Footprint:



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