

# VERSAKEY™

POS Keyboard  
with MagStripe Reader



## Versatile, Full Function POS Keyboard

VersaKey features an enhanced layout keyboard with a full featured MagStripe card reader. The keyboard layout provides separated function keys, control keys, cursor keys, and a full numerical input keypad. There are also many country specific key layouts available.

## Versatile MagStripe Reader

VersaKey's integrated MagStripe reader delivers the MagStripe data in the format needed. If the host computer's application software is expecting the MagStripe data in a particular order and format, the reader's output can be configured to output a simulated keyboard-entered data stream by rearranging data blocks, adding terminating characters and special preamble and/or postamble character strings to the decoded card data.

## Durable Keyboard and Card Reader Combination

VersaKey is designed to provide the reliability needed for usage in repetitive and high volume operation. The unit is proven to endure more than 10 million key operations and 1 million swipes. Standard warranty of 3 years provides confidence that the unit is built to last.

## Intelligent Interface Options

VersaKey is available with a USB or PS/2 interface depending on the user's needs. For convenience, the USB version also comes with two additional USB Hub connections. Both USB and PS/2 keyboard versions have only one communication cable. The keyboard data and the MagStripe data are output from the one cable. The MagStripe data transmitted through the keyboard cable and it appears to originate directly from the keyboard.

**IDTECH®**

Value through Innovation

# IDKA-XXXXXXXX VERSAKEY POS Keyboard Specifications

## Electrical

Power Requirement: +5.0 VDC  $\pm$ 10%, 60ma Max.  
Industry Requirements: FCC class B and CE.

## Environmental

Drop: 610 mm (24") Drop: 1 corner, 2-sidelines, 3-sides.  
Vibration: 60 Hz/sec 3 mm amplitude X,Y,Z each axis at 2 hours.  
Operating Temperature: 0°C to 40°C (32°F to 104°F).  
Storage Temperature: -20°C to 40°C (-4°F to 104°F).

## Mechanical

Keyswitch  
Total Travel: 4.0 + 0.5 mm.  
Operating Force: 50 + 7g.  
Keyboard  
Color: Black or Beige.  
Size: 469.9 mm (L) x 203.9 mm (W) x 42.8 mm (H).  
Material: High Impact PS, Meets flammability spec. UL94HB.  
Cable Information  
Jacket Material: PVC jacket with Aluminum Shielding.  
Length: 1.5 M (5ft.) Overall.  
PC Connector: PS/2 or USB.

## Reliability

Keyboard Operating Life: 20,000,000 keystrokes.  
MagStripe Reader Life: 1,000,000 cycles.  
ESD Immunity: 0KV to 8 kV min, without data loss.  
8KV to 15 kV min, will function after reset.  
MTBF: More than 60,000 hours.  
Conformance: ISO 7811 1-6.  
Magnetic Stripe Formats: ISO 7811, AAMVA, and CA DMV.  
Swipe Speed: 3 to 60 inches per second, bi-directional.  
Card Thickness: .015 to .045 inches.  
Indicators: Beeper.

# **IDTECH**<sup>®</sup>

Value through Innovation

10721 Walker Street  
Cypress, California 90630  
(714) 761-6368 Fax: (714) 761-8880  
Visit us at [www.idtechproducts.com](http://www.idtechproducts.com)

**ISO 9001-2000 Certified**