

# K128A

# HENGYU

## Advanced Performance Keyboard



### Main Features

- With POS-graded membrane keys, with tactile feeling, durable printing
- With built-in programmable Magnetic card reader
- With extra programmable keys for defining some macro keys
- With two QWERTY layouts, flexible design
- With optional smart card reader module
- Can choose to have X-Y programmable matrix
- Can be used as advanced performance keyboard or POS keyboards

### Fully match the Dell POS cabinet

### MSR Features (Optional)

- Comply with ISO 7812, IBM standards, American Driving License
- Support multi-country code settings
- Support programmable MSR setting for the header, tailor, separator, suffix and prefix, track sequence
- Track 1: 210BPI with max 76 characters
- Track 2: 210BPI with max 107 characters or 75BPI with max 37 characters
- Track 3: 210BPI with max 107 characters
- Card swipe speed: 10 to 100 cm/s
- 500,000 swipe cycles
- Available Configuration: Track 1 & 2 or Track 2 & 3 or Track 1, 2 & 3

### Fingerprint reader (Optional)

- Only available in USB interface
- Choice: Authentec AES4000/AES3400 or Atrua Swipe-chip
- One USB interface for the pinpad, magnetic card reader and the fingerprint identification unit, easy to use

### Smart Card Reader Features (Optional)

- T=1, T=0 protocol support, Memory card support through SCM MCARD API
- Communication speed up to 344,105 bps (PPS, FI parameter)
- Frequency up to 12 MHz (PPS, DI parameter)
- Support ISO 7816 Class A and AB smart card
- Sliding contact connector, Certified for 200,000 insertions
- Support PC/SC, CT-API (thru wrapper on top of PC/SC), OCF upon request
- Full speed USB (12Mbps); Bus powered device; CCID compliant

### Technical Data

#### [Electronics]

- Power supply: +5V/DC +/-10%
- Current input: < 100mA
- Interface: USB [PS/2 on request]

#### [Mechanical]

- Number of keys
- 104: US layout
- 105: European layout
- Individual key life cycle: 10 million key strokes
- Dimensions: 442 x 200 x 27 mm

#### [Others]

- Storage temperature: -40 degree C to +60 degree C
- Operating temperature: 0 degree C to +50 degree C
- Operating humidity: 20% to 90%

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