



# KEY TECHNOLOGY (CHINA) LIMITED



## 深圳市键特电子有限公司

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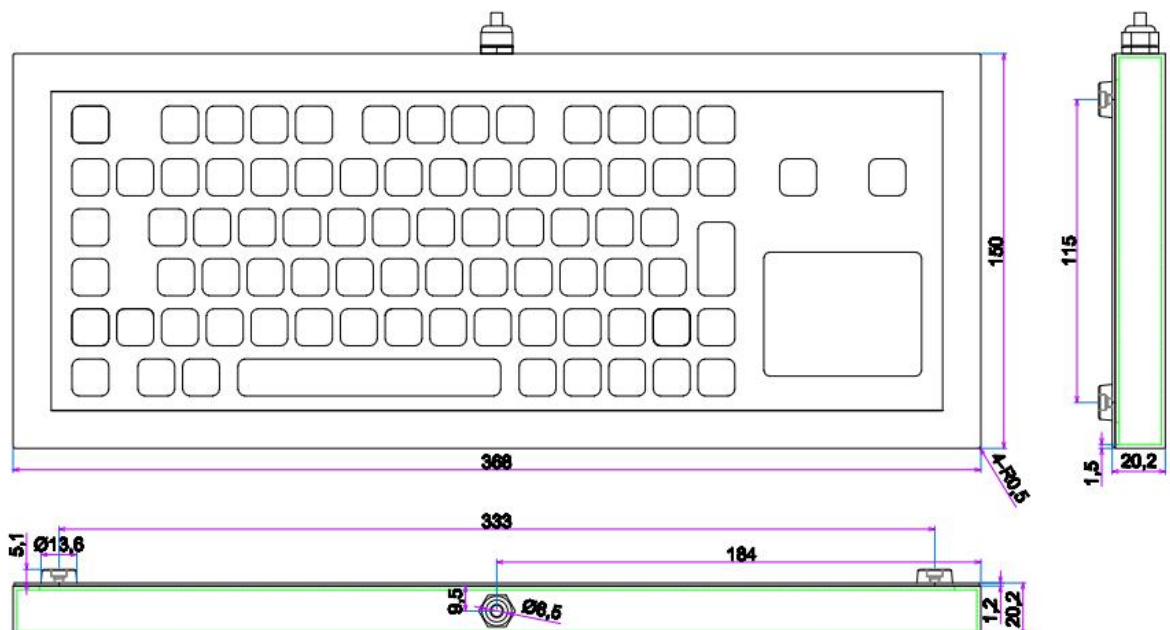
E-mail: info@key-tek.cn, sales01@key-tek.cn

Website: www.key-tek.cn, www.rugged-key.com

**Model NO.:** K-TEK-D343TP-FN-DT

**DIMENSIONS:** 368.0mm x 150.0mm x 20.2mm (L x W x H)

**DESCRIPTION:** 81 keys compact format IP68 dynamic rated membrane industrial keyboard with function keys on the upper line and IP65 dynamic sealed and ruggedized tough touchpad for fast and accurate cursor position, 2.0mm thickness industrial metal dome PCB with gold-on-gold metal dome key switch technology with short stroke 0.45mm with extremely good tactile feeling for reliable data input, with FN and CLEAN key for easy cleaning via lock/disable the entire keyboard without needing to take away the keyboard from PC, surface mounted extremely flush with anti-microbial, durable and scratch-proof polyester withstand to most chemicals and liquids under the harshest environments, back side sealed with ruggedized and vandal proof stainless steel plate for stand alone DESK TOP VERSION.





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### APPLICATIONS:

This keyboard is ideal for use in environments ranging from manufacturing to material handling to medical settings. Its numeric pad allows for easy data entry.

**MEDICAL:** lab, hospital, clinic, dental, such as carts, diagnostic equipments, operation rooms, dialysis centers etc;

**MATERIAL HANDLING:** mobile keyboard, data entry, assembly line etc

**MILITARY:** Army, Navy, Air force

**INDUSTRIAL:** Industrial automation, pharmaceutical, oil and gas, food and beverage, clean or dirty manufacturing environments, warehouses etc

**OTHER INDUSTRIES**

### MAIN FEATURES:

Keyboard provides full-size versatility in a rugged, compact design, rugged construction for reliable functionality

The keyboard lacks the crevices found between the keys of a regular keyboard, which is protected against dust, dirt, grease and corrosive liquids, which means it can withstand directed hose water, disinfectants, environmental contaminants and heavy industrial use.

PS/2, USB connection cables that plug directly into computer like keyboard operations.

Ease of customizing with multiple languages, to accommodate foreign or custom variants.

This stylish, rugged medical keyboard is ideal for any application requiring a rugged enclosure and low profile.

**FN+ Clean key** -Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime.

### MECHANICAL DATA:

Number of Keys: 81

Key switch Technology: metal dome PCB with gold-on-gold metal dome key switch technology with short stroke keys

Actuation Force: 2.8N for key 11.0mm x 11.0mm (press point)

Key Travel: 0.45mm

Key switch Lifetime: 1 mil. operations

Protection Level: IP68

Mounting Type: Movable Desk Top.

Operating Temperature: -20 °C to +50 °C;

Colors: 2 (White, Black)

G.W.: 2.0KGs

Key Dimensions (print area): 11.0mm x 11.0mm

Dimensions: 368.0mm x 150.0mm x 20.2mm (L x W x H)





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### TOUCHPAD:

Touchpad cover: Composite

Motion Detection

Method: capacitive

Resolution: 40 counts / mm

More than Lifetime 10 million strokes

Mutual Capacitance sensing

X/Y position sensing resolution: 40 counts/mm

X/Y position reporting: Relative

Output (self-detectable depending on cable): PS2 or USB

Tracking speed: Maximum 1,016 m/sec

Power supply voltage: 5 V DC  $\pm$ 0.25V

Current rating (active mode): 17 mA

### ELECTRICAL DATA:

Supply Voltage: +5V DC  $\pm$  5%

Current Rating: appr. 50mA

EMC Standard: EN 55032:2015; EN 55035:2017

Lifespan > 3 years

Interface: PS2, USB available.

OS: All Windows, Linux, Unix, Mac OSX, Vxworks, Android, (U-cos--To be confirmed).

### RELIABILITY

RoHS , CE, FCC

Protection Level: IP68

Key Lifespan >1 million actuations

Touchpad lifespan > 5 million of times

MTBF >20000H

MTTR <30min

