



KEY TECHNOLOGY (CHINA) LIMITED

深圳市键特电子有限公司



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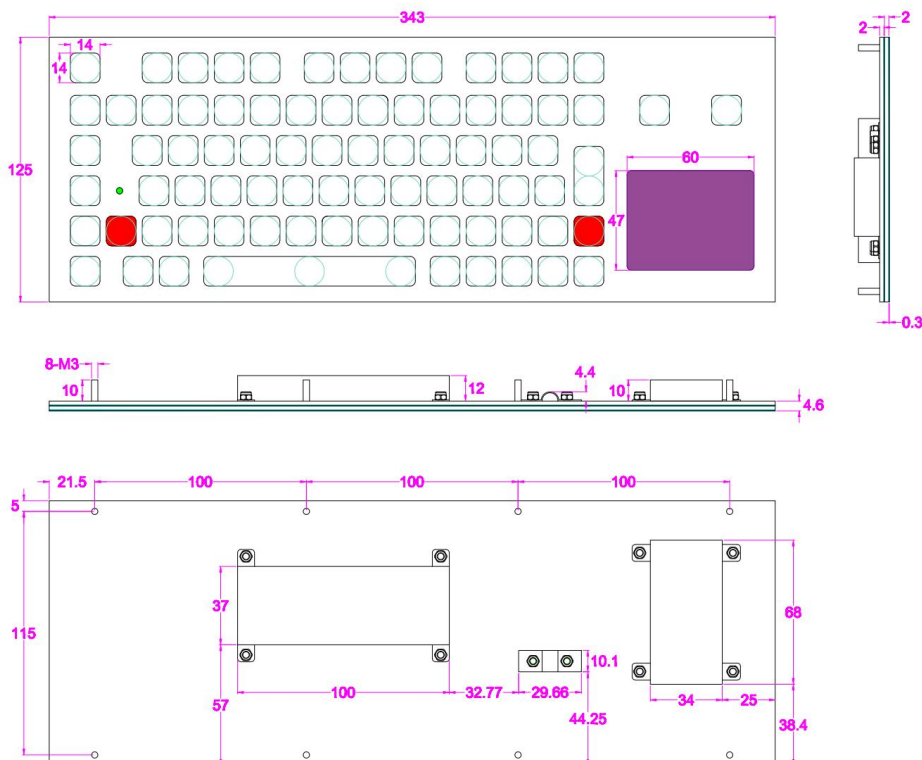
E-mail: info@key-tek.cn, sales01@key-tek.cn

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

Model NO.: K-TEK-D343TP-FN

DIMENSIONS: 343.0mm x 125.0mm (top panel)

DESCRIPTION: 81 keys compact format IP65 dynamic rated membrane industrial keyboard with function keys on the upper line, with sealed and ruggedized tough touchpad for fast and accurate cursor position, 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+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, ruggedized aluminum or stainless steel back plate optional, with threaded bolts for top panel mounted solution.





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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.

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 keys (including 2 mouse buttons)
Key switch Technology	metal dome PCB with gold-on-gold metal dome key switch technology with short stroke keys
Actuation Force	3.5N±0.2N (press point)
Key Travel	0.45mm
Key switch Lifetime	1 mil. operations
Mounting Type	Top panel mounted solution
Colors	2 (white, black)
G.W.	1.30KGs
Key Dimensions (print area)	14.0mm x 14.0mm
Touch pad	sealed and ruggedized tough touchpad
Touchpad cover	Composite
Method	capacitive
More than Lifetime 10 million strokes	
Mutual capacitance sensing	
X/Y axis location detection resolution	40 Counts /mm
X/Y position report	relative





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Output (self-detectable depending on cable)	PS2 or USB
Tracking speed	Maximum 1,016 m/sec
Power supply voltage	5VDC \pm 0.25V
Current rating (active mode)	< 10 mA
ELECTRICAL DATA	
Supply Voltage	DC +5V \pm 5%
Current Rating	50mA
EMC Standard	EN 55032:2015 EN 55035:2017
Lifespan	> 5 years
Interface	PS2, USB available
OS	All Windows, Linux, Unix, Mac OSX, Vxworks, Android, (U-cos--To be confirmed).
ENVIRONMENTAL ADAPTABILITY	
Operating temperature	-20°C to +65°C
Storage temperature	-30°C to +75°C
Operating RH	100%
Atmospheric pressure	60-106Kpa
Saline mist	96 hours, IEC 60512-6
Damp heat test at +40°C	21 days, IEC 60512-6
Dry heat test at +85°C	10 days, IEC 60512-6
RELIABILITY	
RoHS, CE, FCC	
Protection Level	IP65 dynamic
Key Lifespan	>1 million actuations
MTBF	>20000H
MTTR	<30min
APPLICATIONS	Industrial, marine, food and beverage, processing factory, medical and pharmaceutical, numerical control machine etc.

