



Key Technology Rugged System Ltd

东莞市键特电子有限公司



Head Office Add: B702, Building 1, Tianan Cyber Park, Huang Ge North Rd, Longcheng Subdistrict, Long Gang District, ShenZhen, Guang Dong Province, P.R. China.
Factory Add: Floor 7, Building S8, Fenggang Tianan Cyber Park, No. 208 Fenggang Section, Dongshen Road, Fenggang Town, DongGuan, Guang Dong Province, P.R. China.

Tel: +86 755 89239859, +86 755 89230460

Fax: +86 755 89312576

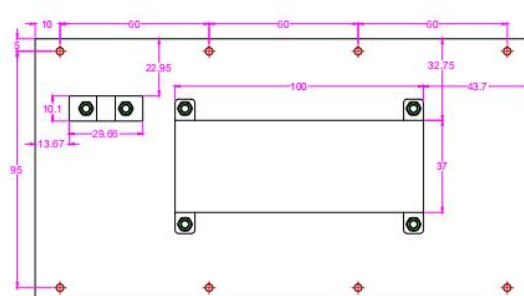
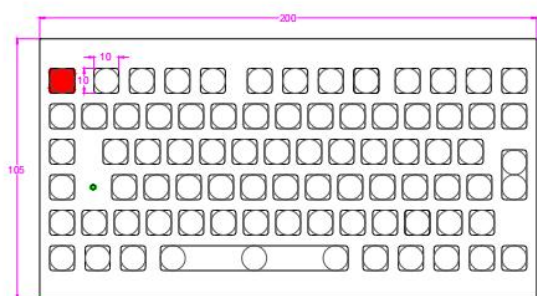
E-mail: sales01@rugged-system.com, sales05@rugged-system.com

Website: www.rugged-system.com, www.rugged-key.com

Model NO.: K-TEK-D200-FN

DESCRIPTION: 78 keys IP65 dynamic compact format industrial membrane keyboard with integrated function keys on the upper line for easy operation, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with extremely good tactile feeling for reliable data input, with 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, brushed aluminum or stainless steel back plate optional, with threaded bolts for top panel mounted solution.

DIMENSIONS: 200mm x 105.0mm (top panel)





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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.

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	78 keys
Key switch Technology	metal dome PCB with gold-on-gold key switch technology with short stroke keys
Actuation Force	3.5N±0.2N (press point)
Key Travel	0.45±0.05mm
Mounting Type	Top panel mounting
Colors	2 (white, black)
G.W.	1.10KGs
Switch life	more than 1 million of operations
Key Dimensions (print area)	10.0mm x 10.0mm

ELECTRICAL DATA

Supply Voltage	DC +5V±5%
Current Rating	30mA
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





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Operating temperature	-20℃ to +65℃
Storage temperature	-30℃ to +75℃
Saline mist	96h, IEC60512-6
Damp heat test at +40℃	21 days, IEC 60512-6
Dry heat test at +85℃	10 days, IEC 60512-6
Humidity	100%
Atmospheric pressure	60-106Kpa
RELIABILITY	
RoHS compliant, CE and FCC certified	
Protection Level	IP65 dynamic (front panel)
Key Lifespan	>1 million actuations
MTBF	>20000H
MTTR	<30min
APPLICATIONS	Industrial, marine, food and beverage, processing factory, medical and pharmaceutical, numerical control machine etc.

