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2 Introduction

A specially designed backlit keyboard with Trackpad, rigid and rugged, waterproof and washable, made of silicone

- Compatibility: Mac, Microsoft® Windows®7/8/10/Vista®/XP/2000/ME/98
- Communication Interface : USB 2.0
- USB Cable Length: Approx. 1.8 Meters

3 Key Features

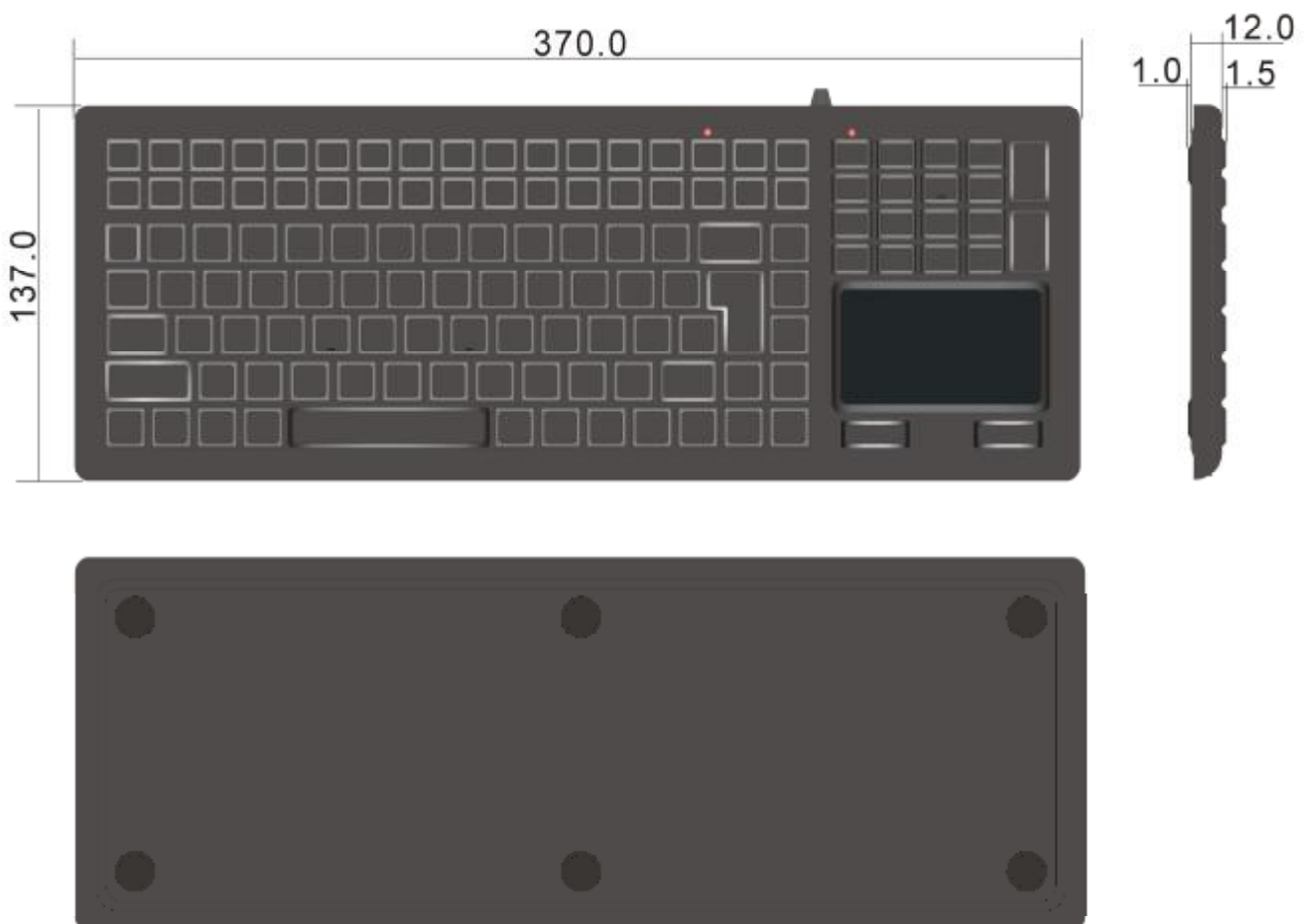
Compact, unique, easy-to-wipe key-top

- No room for bacteria and infection traps
- Easy-to-clean surface
- Rubberized surface provides comfortable use of typing

4 Physical Specification

4.1 Keyboard Dimensions

- Height: 370.00 mm
- Length: 137.00 mm
- Width: 14.50 mm



4.2 Weight

Silicone Keyboard: 700 g $\pm$ 10 g

4.3 Structure

- Rugged and fully sealed
- Completely sealed rubber IP68 rating
- Suitable for rinsing with cleaning and disinfection fluids. Impervious to typical hospital cleaning solution

4.4 Layout

118 keys position US key layout

4.5 Button Keys

- Key Force: 110 $\pm$ 10 g
- Key Travel: 1.5mm $\pm$ 0.2 mm
- Keyswitch Lifetime: $\geq$ 2 million operations

5 Keyboard functions

5.1 User is notified of 'lock down mode' by brightly lit ON/OFF Clean Key

5.2 Backlit

- LED Selectable Backlit Key field 4-levels of brightness
- LED backlight Quantity: 128 pcs.

5.3 Pointing Device

- Trackpad mouse cursor manipulation
- Resolution: 1000DPI

5.4 PCB

- Thickness: Double sided 1.6 mm
- Material: FR4/Bakelite ,Dual Layer Gold Flashed PCB
- Flammability: 94V0

5.5 Enclosure

- Material: 100% Silicone rubber
- Hardness: 45 $\pm$ 3 degrees
- Flammability: FV- 0
- Heat resistance: 200 ° at 10,000 hours of continuous use;
- Cold resistance: -40 degrees to -70 degrees still has good elasticity,

6 Technical Data

6.1 Electrical Characteristics

- Working Voltage: +5V DC±10%
- Working Current when LEDs off: +5V DC @ 30mA
- Working Current when LEDs on: +5V DC @ 250mA

6.2 Environment

6.2.1 Operating Temperature and Humidity

- Temperature: -20°C to 70°C (32°F to 158°F)
- Humidity: 100%

6.2.2 Storage Temperature and Humidity

- Temperature: -30°C-70°C (-4°F to 158°F)
- Humidity: 100%

6.3 Moisture Test

Protection level: IP68

6.4 Heat Cycle Test

Temperature: -30 ±2°C for 1 hour and then 80 ±2°C for 1 hour

Storage time: 10 cycles.

After this test the keyboard shall be left in room temperature for 1 hour.

Judging Criteria: No functional defect should be found.

6.5 Drop Test

Number of Drops: 6 times

Height: 100 cm

Direction: 6 faces.

Floor surface: Carpet.

Judging Criteria: No functional defect should be found

7 Regulations and Certifications

8.1 EMC (Electro Magnetic Compatibility)