![Chipsmall logo]

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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![Storm Interface logo]

Compact format, top mounted, vandal resistant keyboard with integrated trackball
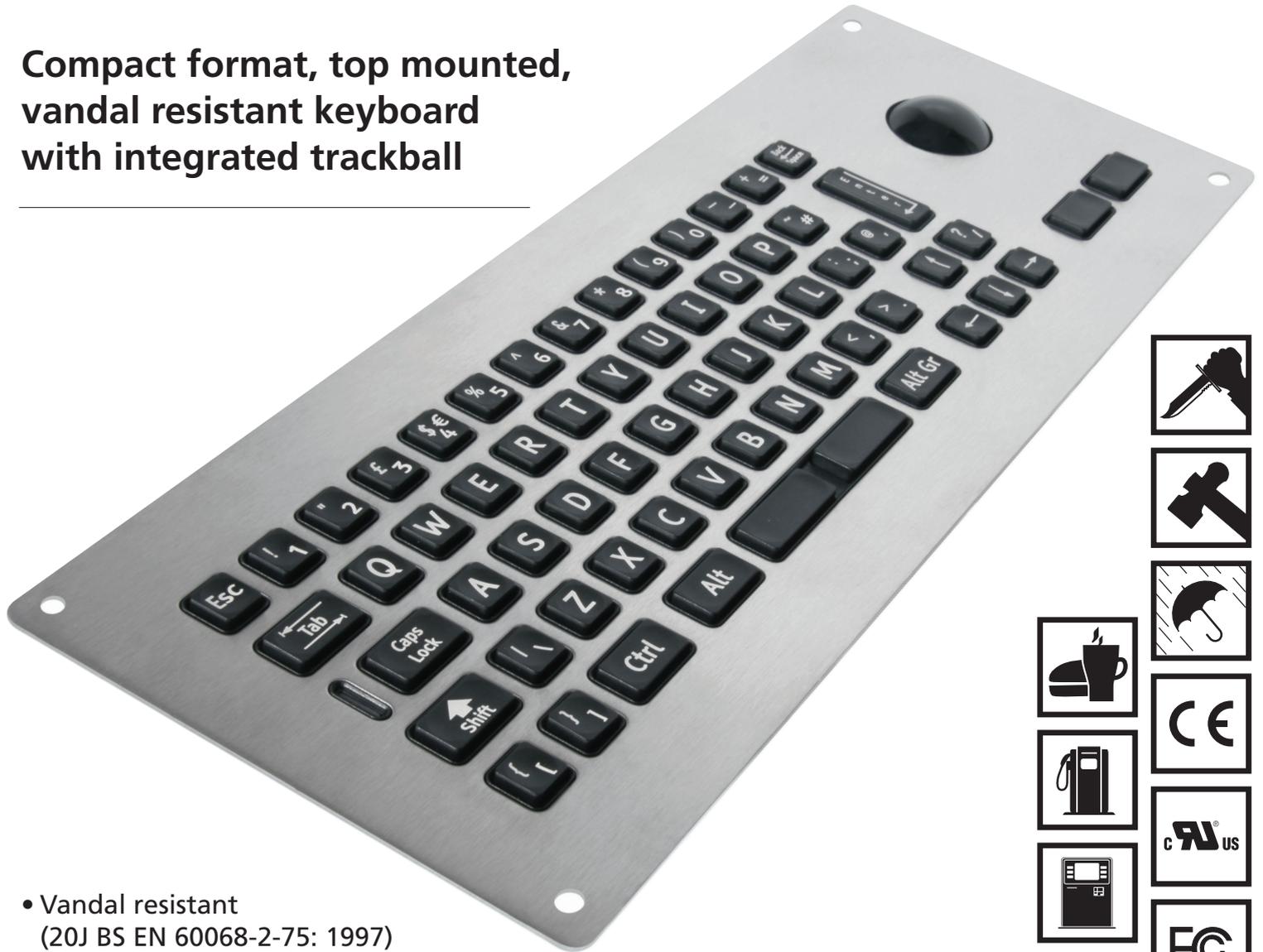
- Vandal resistant
  (20J BS EN 60068-2-75: 1997)

- Weather resistant (IP65)

- Suitable for fixing into
  work surfaces

- Operational life of more than
  4 million cycles per key

- Resistant to most commonly
  used cleaning agents

- Integral 38mm trackball
  with left & right click keys

- 63 keys

- Compact format:
  384mm x 142mm x 40mm

www.storm-interface.com

The Storm 2212-T/B Series keyboard is configured to allow convenient top mounting installation into a work surface or desktop. Using simple hand tools (jig saw and hand drill) the work surface can be easily prepared to accept this robust, responsive and reliable keyboard.

A stainless steel front plate and captive cast metal or high impact resistant polymer keys ensure the keyboards resistance to heavy use and harsh environments. An integral water and impact resistant trackball makes this keyboard ideal for kiosk applications.

Overall Dimensions

384.5 mm

142.5 mm

4-Off Holes 5.2mm Dia

Use keyboard as template for dilling fixing holes

362.0mm

120.0mm

Square Corners or radius 10mm Max
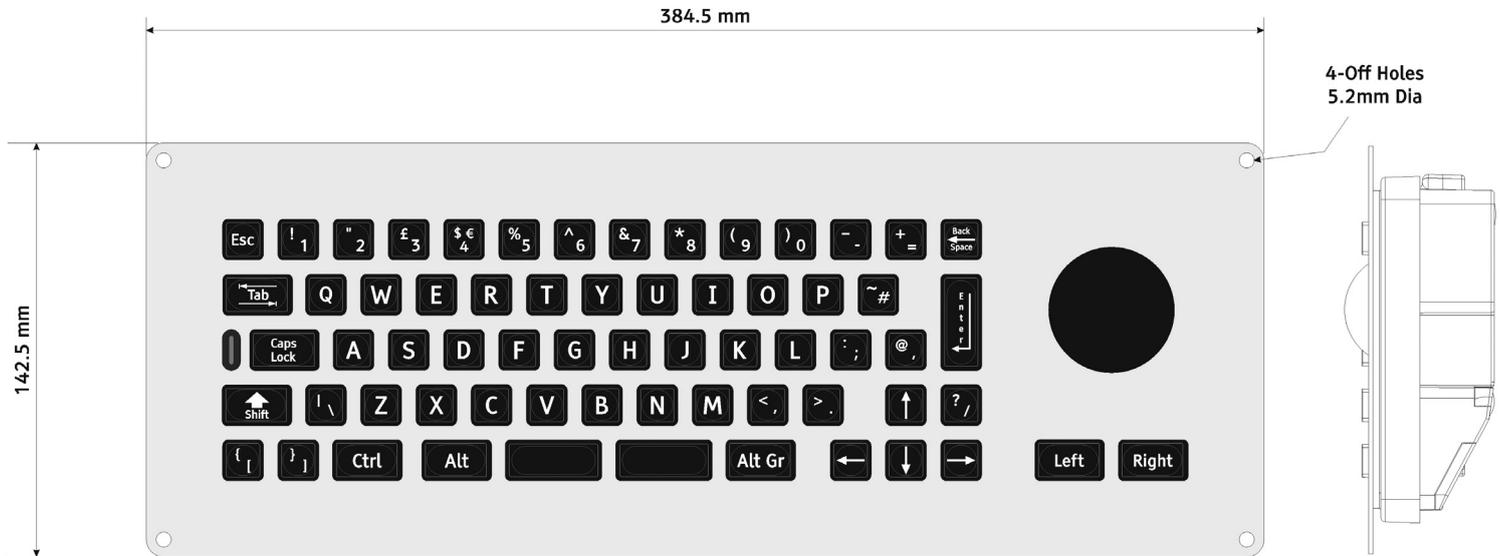
Specifications

Keyboard Weight

with cast metals keytops/trackball	**2.50kg**
with polymer keytops/trackball	**2.10kg**

Options

Build Style	**Vandal resistant (stainless steel top plate)**
Keytops	**Cast metal keytops, chrome plated**
	Black keytops, laser marked white
Encoder	**USB**
Languages	**English UK, English USA, French, Spanish, German**
Cable	**Factory Fitted 2.5m USB**

Electrical

EMC Emissions	**EN55022 : 1998 Class B Limit**
EMC Immunity to ESD	**EN55024 : 1998**
EMC Immunity to Radiated Fields	**EN55024 : 1998**
Electrical Safety	**EN60950, UL60950**
Communication	**Industry Standard USB Interface**
Supply requirements – voltage	**+5V nominal (5.5V to 4.75V)**
Supply requirements – current	**60mA (with 2 LEDs illuminated)**

Environmental

Sealing – Water / Particulates	**EN60529 (sealing to IP65)**
Trackball sealing	**IP65 stationary (IP54 rotating)**
Temperature	**-20°C to +60°C operating (dry)**
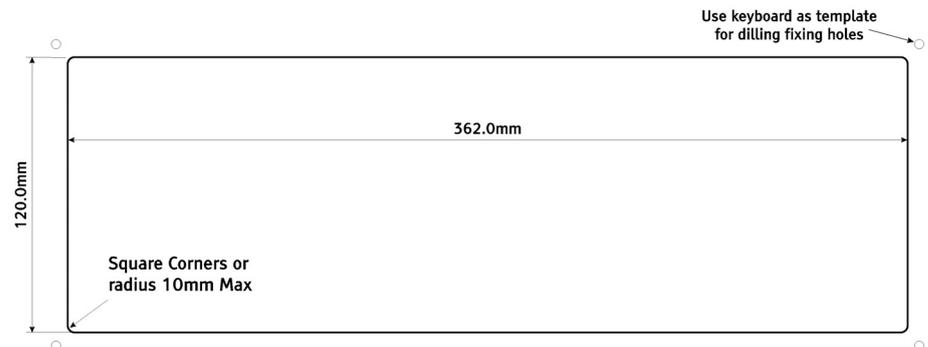
Mechanical

Impact Resistance	**20 Joules via 50mm dia steel striker**
Key Pitch	**19mm**
Size	**11mm square**
Travel	**1.5mm nominal**
Actuation Force	**100g nominal**

Fixing

Adhesive Gasket
4x M5 x 30 A2 stainless steel socket button head screws
4x M5 stainless steel washers
4x M5 stainless steel nyloc nuts
Supplied

www.storm-interface.com

Whilst every effort is made to ensure details are correct at time of print, specifications are subject to change without notice.

UL File reference: E230121

2212-TB-LIT-01 Rev 1 Mar 2011

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