# Storm

## 2210-T/B Series Keyboards

# Compact format, vandal resistant keyboards with integrated trackball

- Vandal resistant
  (20J BS EN 60068-2-75: 1997)

- Weather resistant (IP65)

- Integral PS2/USB Interface
  (switchable)

- Optional PC connection cables
  (sold separately)

- Optional fixing kit for under panel
  installation (sold separately)
  or adapter kit for benchtop use
  (also sold separately)

- RFI / EMI Protection in
  accordance with current
  European and U.S. directives

- Operational life of more than
  4 million cycles per key

- Resistant to most commonly used
  cleaning agents

- Integral 38mm PS2 / USB compatible
  trackball with left & right click keys

- 63 keys

- Compact format:
  360.0 mm x 118.5 mm x 38.5 mm
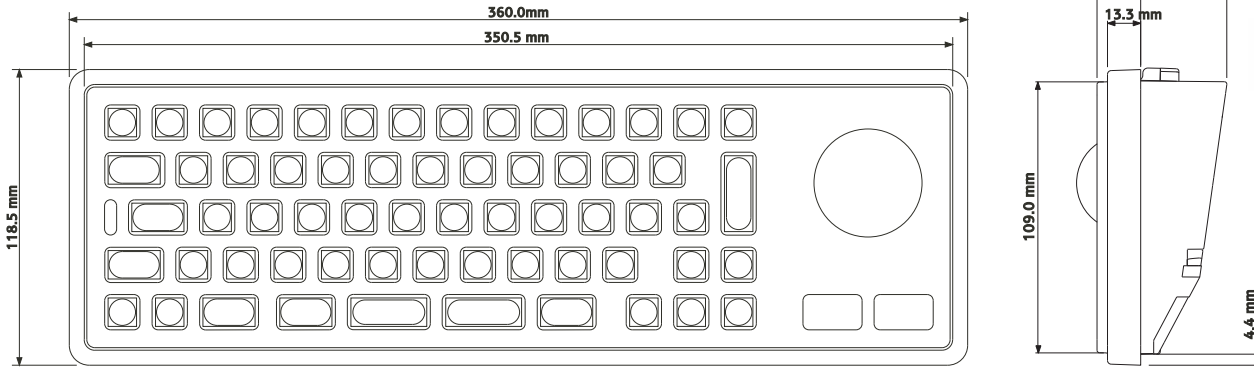
www.storm-interface.com

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## 2210-T/B Series keyboards for public environments

STORM 2210-T/B keyboards are constructed to survive in exposed, unsupervised, public environments. Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and captive, cast metal or high impact polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.
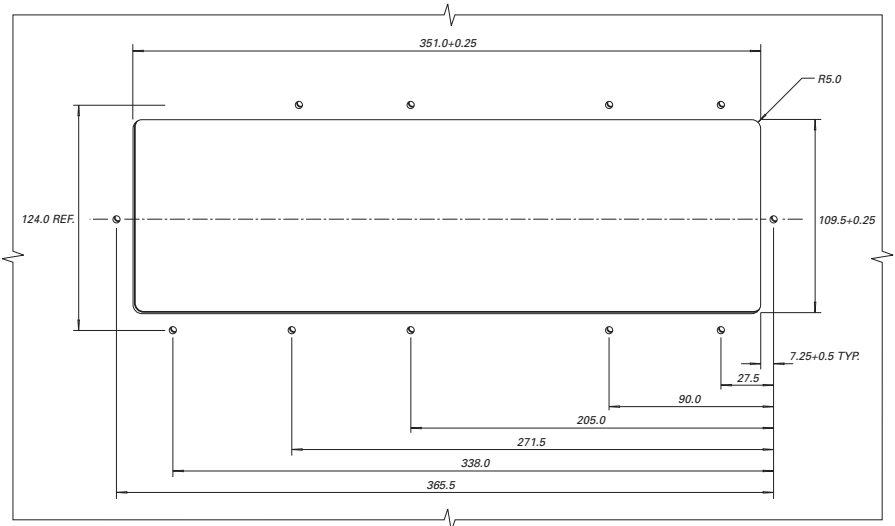
### Overall Dimensions



Keyboard Weight:

| | |
|---|---|
| with cast metal keytops/trackball | **2.20 kg** |
| with polymer keytops/trackball | **1.80 kg** |
| Underpanel cut out aperture | **351.0 x 109.5 mm (11.0 x 4.3 in.)** |
| Max panel thickness | **2mm** |

View showing rear of panel with dimensions of stud positions and panel cut out details

All dimensions in mm.

### Options

| | |
|---|---|
| Build Style | **Vandal resistant (stainless steel top plate)** |
| Keytops | **Cast metal keytops, chrome plated** |
| | **Black keytops, laser marked white** |
| Encoder | **PS2/USB selectable** |
| Languages | **English UK, English USA, French, Spanish, German** |

### 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 PS2 or 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 | **130g nominal** |

### Accessories

| Description | Stock Code |
|---|---|
| **2200 Underpanel Fixing Kit** – contains clips | 2210-MK000[x] |
| **2200 Foot Kit** – required for benchtop use | 2200-FK000[x] |
| **Keyboard PS2 Cable** – straight 2.5m long | 1200-00100[x] |
| **Keyboard USB Cable** – straight 2.5m long | 1200-00200[x] |
| **Trackball PS2 Cable** – straight 2.5m long | 2200-00200[x] |
| **Trackball USB Cable** – straight 2.5m long | 2200-00300[x] |

UL File reference: E230121

FM 39602