Backplane Systems Technology Pty Ltd
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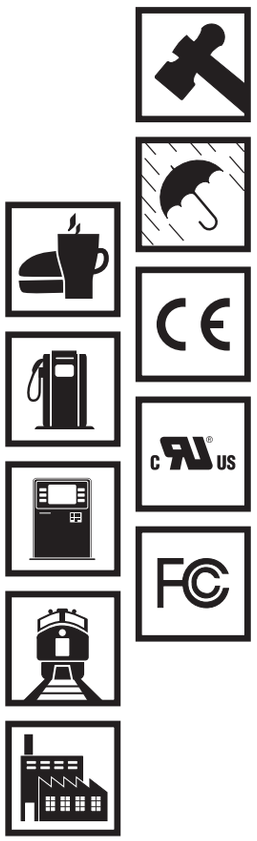
Storm Interface

Robust Keyboards

2210-T/B Series

Compact format, robust keyboard with integrated trackball



- Vandal resistant (10J BS EN 60068-2-75: 1997)
- Weather resistant (IP54)
- With factory fitted 2.5m USB cable
- Optional fixing kit for under panel installation or adapter kit for benchtop use (both sold separately)
- RFI/EMI Protection in accordance with current European and US directives
- 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: 360mm x 118.5mm x 438.5mm

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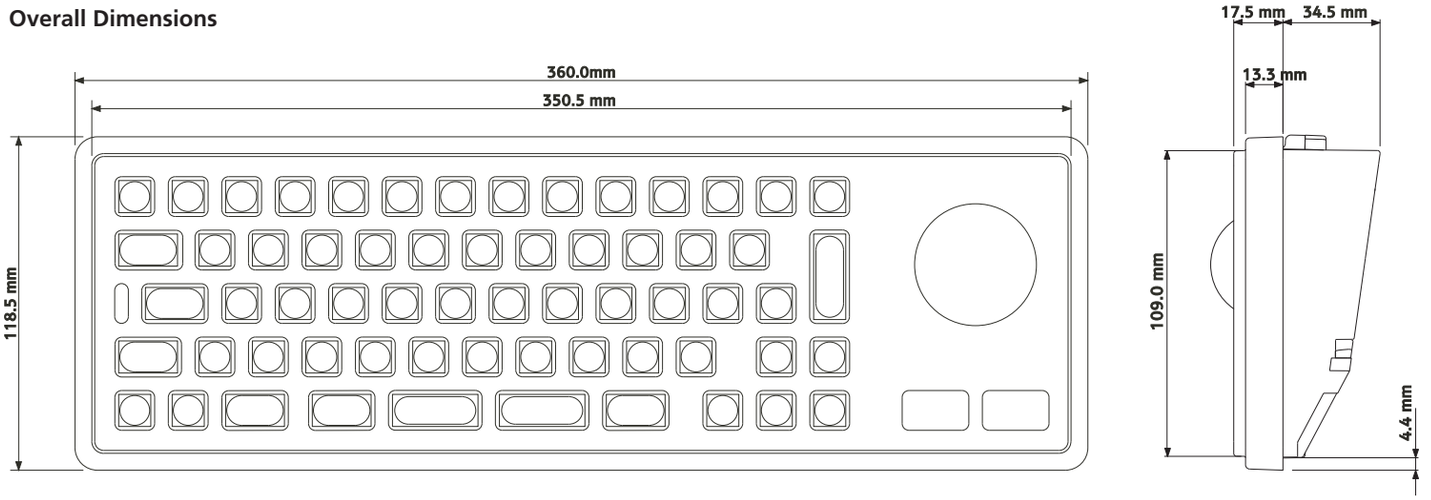
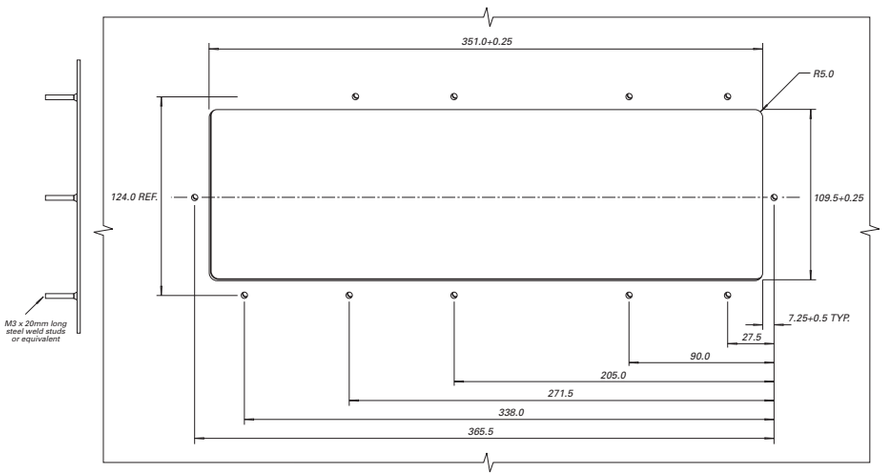
2210-T/B Robust Keyboard for Industrial & Public Environments

Robust, high contrast keyboard for use in public access and industrial installations. This responsive and reliable keyboard was developed specifically for use in unsupervised or semi-supervised environments where hardware may be subject to hard use or abuse. The 2210 Robust keyboard was designed to provide maximum systems accessibility to those with sensory or mobility impairments. Ideal for use in kiosk and retail applications.

Overall Dimensions





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

All dimensions in mm.

Specifications

Keyboard Weight	
with polymer keytops/trackball	**1.80kg**
Underpanel cut-out aperture	**11.0 x 4.3in. (351.00 x 109.50mm)**
Max panel thickness	**(2mm)**

Options

Build Style	**Robust (black polymer top plate)**
Keytops	**White keytops, laser marked black**
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 IP54)**
Trackball sealing	**IP54 stationary (IP54 rotating)**
Temperature	**-20°C to +60°C operating (dry)**

Mechanical

Impact Resistance	**10 Joules via 50mm dia steel striker**
Key Pitch	**19mm**
Size	**11mm square**
Travel	**1.5mm nominal**
Actuation Force	**100g nominal**

Accessories

	Stock Code
2200 Underpanel Fixing Kit contains clips	**2210-MK000[x]**
2200 Foot Kit required for benchtop use	**220-FK000[x]**

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Designed & produced by **NIK Design** nik@nikdesign.co.uk

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

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