



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





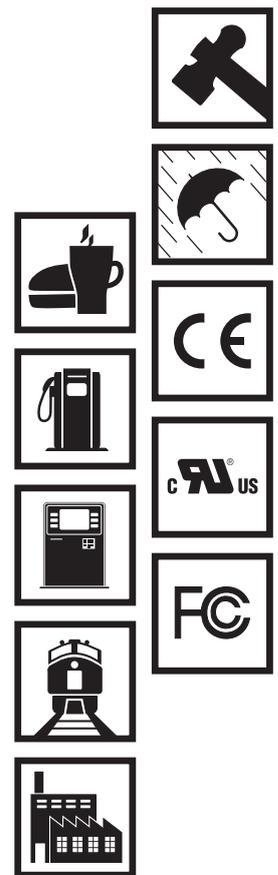
Robust Keyboards

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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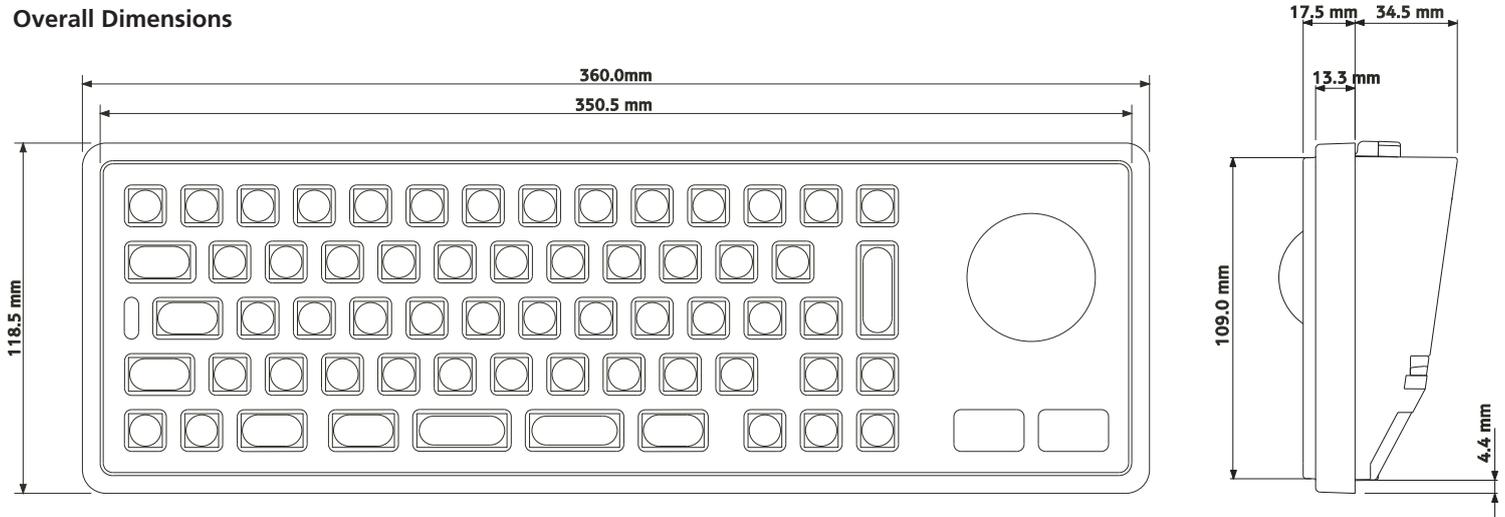




2210-T/B Robust Keyboard for Industrial & Public Environments

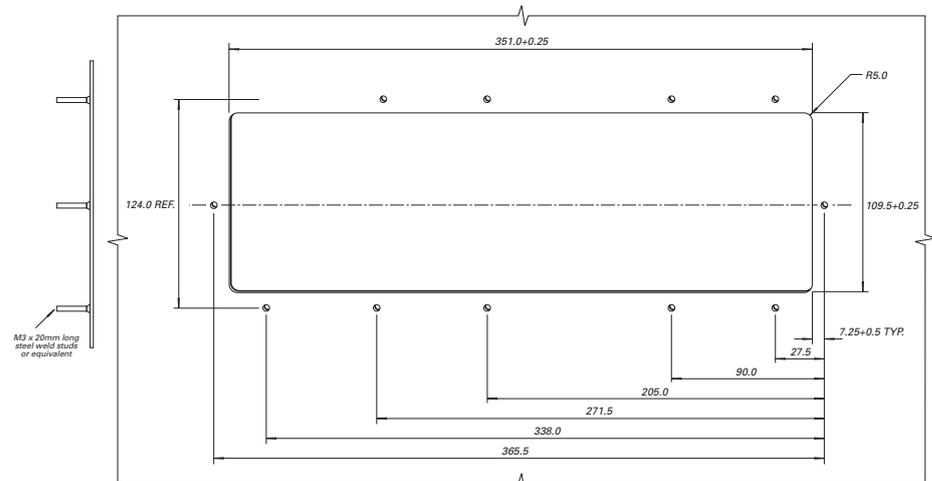
Robust, high contrast keyboard for use in public access and industrial installations. This responsive and reliable keyboard was developed specifically for use in unsupervised or semi-supervised environments where hardware may be subject to hard use or abuse. The 2210 Robust keyboard was designed to provide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

Overall Dimensions



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



View showing rear of panel with dimensions of stud positions and panel cut out details
All dimensions in mm.

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)

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

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

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