

# storm 6000 Series Keypads



## Numeric data entry in exposed public environments

- Rugged, reliable and responsive data entry
- Vandal resistant (20J BS EN 60068-2-75: 1997)
- Weather resistant (IP65)
- Large buttons for clarity and ease of use
- Permanent, high contrast, laser engraved keytop graphics
- 4 row x 4 column matrix circuit format
- Suitable for use by those with mobility or sensory impairments
- Raised tactile symbols on coloured function keys
- Raised "home pip" on the "5" key
- Overall dimensions:  
124.0 mm x 118.5 mm  
(excluding interface pod on rear face)



[www.storm-interface.com](http://www.storm-interface.com)



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## 6000 Series keypad for public environments

### UK Keypad Layout

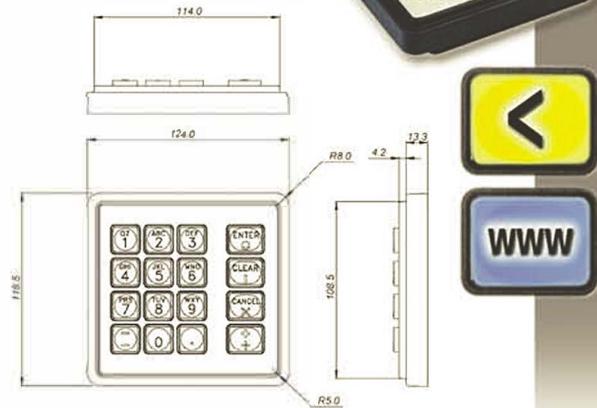


### USA Keypad Layout

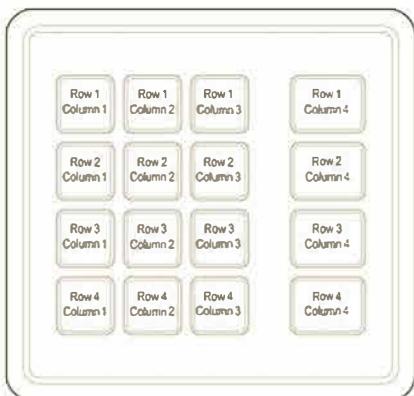


### Function Key Colours

CANCEL	Red	?	Blue
CLEAR	Yellow	ENTER	Green



### Matrix Keypad Connections



### Contact Matrix

PINS	ROW / COLUMN
1	Not used
2	Tamper
3	R1
4	R2
5	C1
6	C2
7	C3
8	C4
9	R4
10	R3
11	NC
12	Tamper
13	Not used

### CONTACT CIRCUIT SPECIFICATION

Contact	24V dc (max)
Operating Voltage	50 mA (max)
Operating Current	<500 Ohms
Circuit Resistance	
(when contact closed)	

### Contact Connections (viewed from rear of keypad)

PINS	• • • • • • • • • •
PIN NO.	13 12 11 10 9 8 7 6 5 4 3 2 1

### Specifications

Vandal Resistant 20J BS EN 60068-2-75:1997

Weather Resistant IP65

Large Buttons for clarity and ease of use 15mm square

Function Key Buttons 15mm x 20mm

Responsive key action travel 1.5mm, actuation force 130gm

High contrast laser engraved graphics designed to meet with current ADA and DDA recommendations

Raised tactile symbols on function keys designed to meet with current ADA and DDA recommendations.

Panel Cutout 109.5 x 115.0 x R 5mm corners (tol ± 0.2mm)

Operating Temp -20°C to +60°C

Matrix Output (Order cables separately)

Meets CE and UL requirements for Product Safety

Meets CE and FCC requirements for EMC

Compatible with 420 Series RS232 Encoder

Panel Mount Gasket included

Part No.	Item
6000-21001[x]	Keypad 6000 Series 16 way Matrix Output, UK layout
6000-21002[x]	Keypad 6000 Series 16 way Matrix Output, USA layout

### Accessories [x] denotes packaging variant

Part No.	Item
6000-MK00[x]	Underpanel Mounting Clips
4200-00[x]	420 Series, RS-232 Encoder (requires connection via a cable which Storm does not supply)

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



Designed & produced by  
NIK Design  
www.nikdesign.co.uk



FM 39602



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