# 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

# Storm

## 6000 Series keypad for public environments

### UK Keypad Layout



### USA Keypad Layout



### Function Key Colours

| CANCEL | Red | ? | Blue |
|---|---|---|---|
| CLEAR | Yellow | ENTER | Green |

15mm Sq (nominal)  15 x 20 mm (nominal)

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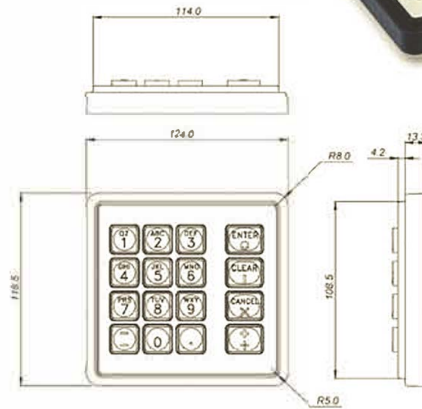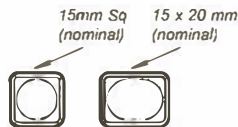
### Matrix Keypad Connections

| Row 1 Column 1 | Row 1 Column 2 | Row 1 Column 3 | Row 1 Column 4 |
|---|---|---|---|
| Row 2 Column 1 | Row 2 Column 2 | Row 2 Column 3 | Row 2 Column 4 |
| Row 3 Column 1 | Row 3 Column 2 | Row 3 Column 3 | Row 3 Column 4 |
| Row 4 Column 1 | Row 4 Column 2 | Row 4 Column 3 | Row 4 Column 4 |
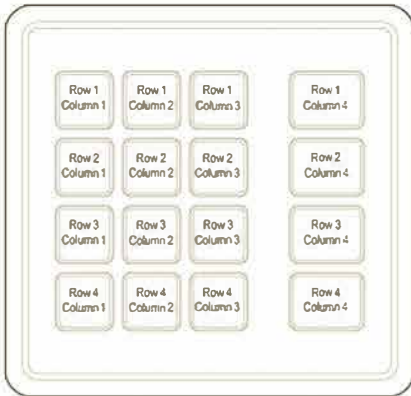
### Contact Matrix

| 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

| Operating Voltage | 24V dc (max) |
|---|---|
| Operating Current | 50 mA (max) |
| Circuit Resistance | <500 Ohms |

(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 |

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### 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 (tols ± 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.

FM 39602

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