

COMPLETE DOOR SYSTEM DATASHEET

SENTRY Full-Door Edge Ligature Alarm System

The SENTRY Full Door Edge Alarm System is designed to maximise patient safety and assist clinical staff in preventing loss of life in mental healthcare environments. The SENTRY door features pressure sensors to all three exposed edges of the door which will trigger the staff alarm in the event of a ligature being trapped against them. The SENTRY system works whatever position the door is in - open or closed - and is hardwired by design to provide the robustness and reliability demanded for an assistive clinical product within a life-critical system.



Full height sensor to door edge



Optional recessed KG75 electro handle for patient to release door from the inside



SENTRY Key Features & Benefits



Full door edge ligature monitors covering all exposed edges for enhanced safety!



Compatible with Kingsway's KOSMOS Smart Monitoring System and all major annunciators



Detects ligatures regardless of the door's position - open or closed!



Full-length continuous hinge - no pivots!

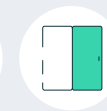


Available with concealed transom closers



High-strength tri-laminate FORTUS core

Doorset Types Available:



The SENTRY Full Door Edge Alarm System is available in SWING, SWITCH, SOLO and STOW doorset specifications and, as such, it is the most versatile ligature alarmed door system available.

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SWING SENTRY Full-Door Edge Ligature Alarm System

The SWING SENTRY is a ligature-alarmed, anti-barricade door system designed for service user bedrooms or communal spaces to enhance safety. The doorset features pressure sensors to all three exposed edges of the door which will trigger the staff alarm in the event of a ligature being trapped against them. Thanks to the double-action SwingHinge and unique SwingThru Strike Plate, staff can open the SWING SENTRY doorset outwards in seconds to overcome a barricade – even with the lockbolt extended.



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SWING SENTRY Key Features & Benefits



Full door edge ligature monitors covering all exposed edges for enhanced safety!



Compatible with Kingsway's KOSMOS Smart Monitoring System and all major annunciators



Detects ligatures regardless of the door's position – open or closed!



Overcome barricades in seconds – even with the lockbolt extended



No need to unlock the door to overcome a barricade



Full-length continuous hinge – no pivots!



Single key controls the anti-barricade device & vision panel – no additional tools required!



Available with concealed transom closers



High-strength tri-laminate FORTUS core

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SWING SENTRY Technical Specifications

Technical Specs

Leaf Thickness:

- 54mm

Core Structure:

- FORTUS Core: solid timber core of 3-layer hardwood

Maximum Leaf Dimensions:

- 1200mm (W) x 2100mm (H)

Lockset Options:

- Choice of mechanical or electronic locking options

Available Facings:

- Classic Veneers / Classic Laminate Woods / Classic Laminate Colours / Signature Laminates available on request - see finishes swatch book for full options

Anti-ligature Ironmongery:

- Choice of door furniture (view range [here](#))

Concealed Door Closer Options:

- KG35 Double Action Transom Closer
- KG36 Double Action Transom Closer (Mechanical Hold Open)
- KG37 Double Action Transom Closer (Free Swing)
- KG38 Double Action Transom Closer (Electro Hold Open)
- No Closer

Vision Panel Options:

- Duralux / Duralux Platinum (Square or Oblong)
- Visilux / Visilux Platinum (Square or Oblong)
- Pyrolux (Square or Oblong)
- No Vision Panel

Leaf Configuration:

- Single leaf / Leaf and a ½ / Double Leaf

Robustness Testing:

- Tested to the Department of Health Medium Secure Testing guidelines (view guide [here](#))

Door Sensor Product Codes:

- KG510 SENTRY door top sensor
- KG520 SENTRY door bottom sensor
- KG530 SENTRY door edge sensor

Product Code:

- SWD-SEN02 (54mm single leaf)
- SWD-SEN04 (54mm leaf & half)
- SWD-SEN06 (54mm double leaf)



5-Year Manufacturer Defect Guarantee as per 'Kingsway Group Product Guarantee' document, a copy of which is available upon request.

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SWITCH SENTRY Full-Door Edge Ligature Alarm System

The SWITCH SENTRY door system features pressure sensors to all three exposed edges of the door that will trigger the staff alarm if a ligature is trapped against them. It is the world's only ligature-alarmed doorset with a hinge-side anti-barricade mechanism, enhancing the safety of staff by positioning them in the barricade 'Green Zone'; the point at which the opening door is at its lowest speed. From the Green Zone, staff can open the doorset outwards in seconds even with the lock bolt extended, saving crucial time during an emergency.



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SWITCH SENTRY Key Features & Benefits



Full door edge ligature monitors covering all exposed edges for enhanced safety!



Compatible with Kingsway's KOSMOS Smart Monitoring System and all major annunciators



Detects ligatures regardless of the door's position – open or closed!



Keep staff safe in the barricade 'Green Zone' where the opening door moves slowest



Full-length continuous hinge – no pivots!



Single key control for the anti-barricade hinge & vision panel – no additional tools required!



Hinge retracts to open outwards in seconds - no need to unlock the door to overcome a barricade!



Rebated timber frame on closing edge for enhanced strength and acoustic performance



Available with concealed transom closers



High-strength tri-laminate FORTUS core

COMPLETE DOOR SYSTEM DATASHEET

SWITCH SENTRY Technical Specifications

Technical Specs

Leaf Thickness:

- 54mm

Core Structure:

- FORTUS Core: solid timber core of 3-layer hardwood

Maximum Leaf Dimensions:

- 1200mm (W) x 2100mm (H)

Lockset Options:

- Choice of mechanical or electronic locking options

Available Facings:

- Classic Veneers / Classic Laminate Woods / Classic Laminate Colours / Signature Laminates available on request - see finishes swatch book for full options

Anti-ligature Ironmongery:

- Choice of door furniture (view range [here](#))

Concealed Door Closer Options:

- KG35 Double Action Transom Closer
- KG36 Double Action Transom Closer (Mechanical Hold Open)
- KG37 Double Action Transom Closer (Free Swing)
- No Closer

Vision Panel Options:

- Duralux / Duralux Platinum (Square or Oblong)
- Visilux / Visilux Platinum (Square or Oblong)
- Pyrolux (Square or Oblong)
- No Vision Panel

Leaf Configuration:

- Single leaf / Leaf and a ½

Robustness Testing:

- Tested to the Department of Health Medium Secure Testing guidelines (view guide [here](#))

Door Sensor Product Codes:

- KG510 SENTRY door top sensor
- KG520 SENTRY door bottom sensor
- KG530 SENTRY door edge sensor

Product Code:

- SCH-SEN02 (54mm single leaf)
- SCH-SEN04 (54mm leaf & half)



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SOLO SENTRY Full-Door Edge Ligature Alarm System

The SOLO SENTRY is a ligature-alarmed, single action door system designed to enhance safety in mental healthcare environments. The SOLO SENTRY features pressure sensors to all three exposed door edges which will trigger the staff alarm in the event of a ligature being trapped against them. The doorset provides a robust solution for single action requirements within a mental health facility and is available with a wide variety of lockset options, leaf configurations and anti-ligature hardware choices to meet the needs of your facility, staff and service users.



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SOLO SENTRY Key Features & Benefits



Full door edge ligature monitors covering all exposed edges for enhanced safety!



Compatible with Kingsway's KOSMOS Smart Monitoring System and all major annunciators



Detects ligatures regardless of the door's position – open or closed!



Available with a full-length continuous hinge – no pivots!



Rebated timber frame on closing edge for enhanced strength



Available with concealed transom closers



High-strength tri-laminate FORTUS core

COMPLETE DOOR SYSTEM DATASHEET

SOLO SENTRY Technical Specifications

Technical Specs

Leaf Thickness:

- 54mm

Core Structure:

- FORTUS Core: solid timber core of 3-layer hardwood

Maximum Leaf Dimensions:

- 1200mm (W) x 2100mm (H)

Lockset Options:

- Choice of mechanical or electronic locking options

Available Facings:

- Classic Veneers / Classic Laminate Woods / Classic Laminate Colours / Signature Laminates available on request - see finishes swatch book for full options

Anti-ligature Ironmongery:

- Choice of door furniture (view range [here](#))

Concealed Door Closer Options:

- KG35 Double Action Transom Closer
- KG36 Double Action Transom Closer (Mechanical Hold Open)
- KG37 Double Action Transom Closer (Free Swing)
- KG38 Double Action Transom Closer (Electro Hold Open)
- No Closer

Vision Panel Options:

- Duralux / Duralux Platinum (Square or Oblong)
- Visilux / Visilux Platinum (Square or Oblong)
- Pyrolux (Square or Oblong)
- No Vision Panel

Leaf Configuration:

- Single leaf / Leaf and a ½ / Double leaf

Robustness Testing:

- Tested to the Department of Health Medium Secure Testing guidelines (view guide [here](#))

Door Sensor Product Codes:

- KG510 SENTRY door top sensor
- KG520 SENTRY door bottom sensor
- KG530 SENTRY door edge sensor

Product Code:

- SOD-SEN02 (54mm single leaf)
- SOD-SEN04 (54mm leaf & half)
- SOD-SEN06 (54mm double leaf)



5-Year Manufacturer Defect Guarantee as per 'Kingsway Group Product Guarantee' document, a copy of which is available upon request.

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STOW SENTRY Full-Door Edge Ligature Alarm System

The STOW SENTRY is a ligature-alarmed door system featuring a secondary recessed frame to provide clinical teams with greater control and flexibility over how the door is used in mental healthcare environments. To enhance patient safety in high-risk areas, the STOW SENTRY features pressure sensors to all three exposed door edges which will trigger the staff alarm in the event of a ligature being trapped against them.



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STOW SENTRY Key Features & Benefits



Full door edge ligature monitors covering all exposed edges for enhanced safety!



Compatible with Kingsway's KOSMOS Smart Monitoring System and all major annunciators



Detects ligatures regardless of the door's position – open or closed!



Door can be locked back flush to the wall in the open position



Unique top plate minimises ligature risks



Full-length continuous hinge for enhanced strength – no pivots!



High-strength tri-laminate FORTUS core

Maximising Staff Control

The STOW doorset offers simple operation whilst maximising staff's control over how a space is used based on clinical assessment:

Free Usage:

If deemed safe, staff can unlock the door allowing service users to open and close it at will.

Stowed:

If a moving door is deemed unsafe but access is still required, staff can securely 'stow' the door leaf flush with the wall for safe passage and observation.

Locked:

If clinical assessment deems it necessary, staff can lock the door shut to minimise risk.

COMPLETE DOOR SYSTEM DATASHEET

STOW SENTRY Technical Specifications

Technical Specs

Leaf Thickness:

- 54mm

Core Structure:

- FORTUS Core: solid timber core of 3-layer hardwood

Maximum Leaf Dimensions:

- 1200mm (W) x 2100mm (H)

Lockback Frame:

- FAW(90) 90° Frame Profile
- FAW(180) 180° Frame Profile

Lockset Options:

- Choice of mechanical locking options

Available Facings:

- Classic Veneers / Classic Laminate Woods / Classic Laminate Colours / Signature Laminates available on request - see finishes swatch book for full options

Anti-ligature Ironmongery:

- KG80 Recessed Handle

Robustness Testing:

- Tested to the Department of Health Medium Secure Testing guidelines (view guide [here](#))

Door Sensor Product Codes:

- KG510 SENTRY door top sensor
- KG520 SENTRY door bottom sensor
- KG530 SENTRY door edge sensor

Product Code:

- STW-SEN02 (54mm single door leaf)



5-Year Manufacturer Defect Guarantee as per 'Kingsway Group Product Guarantee' document, a copy of which is available upon request.

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SENTRY Finishes

Laminates:

									
F 0949 White	F 7459 Brite White	F 2696 Super White	F 2255 Polar White	F 1093 Aries	F 2001 Baikal	F 3091 Crystal White	F 2274 Blanc Polaire	F 2010 Malibu	F 7927 Folkstone
									
F 7923 Surf	F 2791 Silver	F 7938 Glacier	F 1484 Steel	F 1994 Fox	F 7961 Fog	F 7902 Iron	F 7858 Pumice	F 0189 Sparta	F 7924 Lead
									
F 1535 Tornado	F 7928 Mouse	F 2770 Sarum Grey	F 3202 Otter	F 7912 Storm	F 2297 Terril	F 7837 Graphite	F 2253 Diamond Black	F 9266 Citadel	F 5342 Earth
									
F 3210 Levante	F 5348 Energy	F 8238 Blush	F 8858 Just Rose	F 0233 Heather	F 7880 Thistle	F 2962 Clementine	F 1238 Carnaval	F 8141 Adobe	F 0232 Juicy Pink
									
F 2582 Lilac	F 1019 Azur	F 2824 Blaze Red	F 7845 Spectrum Red	F 8140 Brick	F 6907 Amarena	F 0231 Peaceful Blue	F 2828 Tropical Blue	F 6902 Grenadine	F 0188 Beaujolais
									
F 8239 Henna	F 5345 Viola	F 7851 Spectrum Blue	F 2483 Ultramarine	F 2005 Paprika	F 7966 New Burgundy	F 8243 Night Shade	F 6903 Cassis	F 5323 Nocturne	F 8242 Night Sea
									
F 7949 Soft White	F 1534 Magnolia	F 1192 Porcelana	F 1040 Alpino	F 7932 Antique White	F 2273 Seringa	F 1531 Irish Cream	F 7934 Pearl	F 0547 Papyrus	F 2296 Sno White
									
F 2833 Sandstone	F 7882 Pale Gold	F 3050 Cygnet	F 7929 Oyster Grey	F 1803 Tenere	F 8857 Just Gold	F 7940 Spectrum Yellow	K 4155 Sun	F 8751 Mojave	F 0187 Kashmir
									
F 0903 Cafe	F 1485 Chrome Yellow	F 3209 Sol	F 4161 Terracotta	F 2200 Dark Chocolate	F 8241 Earthenware	F 0800 Artichoke	F 3236 Avocado	F 3007 Pale Olive	F 8820 Leaf Green
									
F 1194 Iris	F 5493 Arctic Blue	F 2966 Opal	F 7853 Ocean Grey	F 5344 Seed	F 5343 Possum	F 8821 Just Blue	F 1998 Oslo	F 5349 Fossil	F 8245 Marble Green



Woods:



Acrovyn Solids:



Acrovyn Faux Wood & Metal:





Your Partner in Patient Safety

The best ideas start
with a conversation

144/146 Russell St
Emu Plains
NSW 2750

1800 325 175
sales@kingswaygroupau.com

kingswaygroupglobal.com