

# HIGH SECURITY

ADVANCED ENTRANCE CONTROL FOR CRITICAL  
INFRASTRUCTURE AND HIGH-SECURITY SITES



**cominfo**

By **GUNNEBO** Entrance Control



# ABOUT US

Around the world, COMINFO is the name found on turnstiles, speed gates, revolving doors, and security portals in the most demanding of applications. Wherever you need innovation, quality, and style, you can be assured we are the world's leading specialist in entrance control solutions. Our advanced barriers and detection systems help you to manage the flow of people, keep them safe, and support security policies.

Through our global network of manufacturing locations, we provide a range of entrance control solutions that set the benchmark for others. A focus on quality for effortless operation that lasts for years. A design flair that lifts your reception or entrance via a custom-stylish appearance which welcomes visitors. And innovation that brings speed, flexibility and integration with your existing identification and access control systems.

**For a safer world, make it COMINFO**

# HIGH SECURITY PRODUCTS

## Protecting people and assets through building security automation

Elegant and sophisticated design combined with the best technology available makes our entrance control solutions suitable for all areas where aesthetic values, excessive flow, maximum reliability and uncompromised security are high in demand.

By integrating access control devices, our entrance solutions provide high security and capacity in a high tech solution that effectively prevents unauthorised passage.

## Protecting people and assets through building security automation

LPS 1175: Issue 8 rated products are certified to loss prevention product standards, a globally recognised and trusted benchmark of resistance and unauthorised access for high security environments.

These products have been independently and rigorously tested under strict conditions by BRE Global Governing Body to withstand intruder threat and attack, and have hereby successfully met the resistance and delay requirements appropriate to the level of certification.

This standard identifies that the evaluation and testing practices undertaken by LPCB confirm that:

The product or service meets the standard;

The manufacturer or service provider has staff, processes and systems in place to ensure that the product or service delivered meets the standard.



# SECURITY PORTALS

Presenting a solid barrier with motorised single person access and tail-gating detection, our portals are compact in design and can be integrated with your authorisation system.

Portals offer the highest level of entrance control for higher risk sites with unmanned, entirely automated solutions that provide a visual and physical deterrent to fraudulent entry.

Tailgating detection prevents unauthorised persons transiting in a different quadrant to an authorised user

NCI Anti-piggybacking detection option provides extremely high accuracy in detection

Ultrasound single person detection option detects piggybacking by measurement of volume inside quadrant

Semi external or internal installation allowing numerous options for installation layout configurations

Metal detection option detects metal item being carried in to portal (AM5 and AM7 according to NILECJ standards)

Double contact mat detection option detects presence in portal by physical space on pressure sensitive mats

Motorised movement providing contactless entry and exit for the user

Highly customisable colour for painted parts option can match corporate or specified colour scheme

Fully customisable to integrate of a wide range of access control devices

Complies with regulatory safety standards (EN 16005 Certified)

Wide range of diameters available allowing adaptability for different user requirements and installation dimensional constraints (HiGuard2, 6, 7, 9, 10)

HiGuard <sup>2</sup>	HiGuard <sup>2</sup> 6	HiGuard <sup>2</sup> 6 Twin	HiGuard <sup>2</sup> 7	HiGuard <sup>2</sup> 9	HiGuard <sup>2</sup> 9 Lite	HiGuard <sup>2</sup> 10	HiGuard <sup>2</sup> HS90L
<b>Throughput (Proximity reader "Hands free")</b>	Up to 4 ppm	Up to 7 ppm	Up to 5 ppm	Up to 4 ppm	Up to 4 ppm	Up to 5 ppm	Up to 4 ppm
<b>Overall Size</b>	1050 × 1050	1800 × 1050	1150 × 1150	1500 × 1500	1000 × 1500	1800 × 1800	Configuration HiGuard <sup>2</sup> 6,7, & 9
<b>Clear Passage Width (mm)</b>	600	600	700	900	900	1050	600 – 900
<b>Cabinet Length (mm)</b>	1050	1050	1150	1150	1000	1800	1050 – 1500
<b>Cabinet Width (mm)</b>	1050	1800	1150	1150	1150	1800	1050 – 1500
<b>Passage Height*</b>	2100	2100	2100	2100	2100	2100	2100
<b>Round 2 Door Option</b>	X		X	X	Half	X	
<b>Square Option</b>	X	X	X	X			X
<b>Round Option</b>	X	X	X	X	Half		
<b>Half Option</b>					X		
<b>1500mm Turning Circle</b>						X	
<b>LPS 1175 Issue 8 C5 (SR3) rating</b>	(See HiGuard <sup>2</sup> HS90L)		(See HiGuard <sup>2</sup> HS90L)	(See HiGuard <sup>2</sup> HS90L)			
<b>Metal Detector Option</b>	X	X	X	X	X	X	
<b>90°Exit option (Square version only)</b>	X	X	X	X			X
<b>Passage confirmation</b>	X	X	X	X	X	X	
<b>Single Person Detection (with option below)</b>	X	X	X	X	Ultrasound	X	X
<b>Ultrasound Single Person Detection</b>	X	X	X	X	X	X	X
<b>NCI Single Person Detection</b>	X	X	X	X		X	X
<b>Weight Sensing</b>	X	X	X	X	X	X	X
<b>Double Contact Mat</b>	X	X	X	X		X	X
<b>Left Object Detection</b>	(Metal Only)	(Metal Only)	(Metal Only)	(Metal Only)	(Metal Only)	(Metal Only)	(Metal Only)
<b>Configurable fail-state for emergency mode</b>	X	X	X	X	X	X	X
<b>Frame &amp; Cornice Standard Finish</b>	Mild steel powder coated finish, RAL 9006, FB3 – EN1517	Mild steel powder coated finish, RAL 9006, FB3 – EN1517	Mild steel powder coated finish, RAL 9006, FB3 – EN1519	Mild steel powder coated finish, RAL 9006, FB3 – EN1520	Embossed painted powder coated steel finish RAL 9006	Mild steel powder coated finish, RAL 9006, FB3 – EN1521	Mild steel powder coated finish, RAL 9006, FB3 – EN1522
<b>Glass Finish</b>	BR1/S, P4A-12mm Laminated Safety Glass, EN1062/356	BR1/S, P4A-12mm Laminated Safety Glass, EN1062/357	BR1/S, P4A-12mm Laminated Safety Glass, EN1062/358	BR1/S, P4A-12mm Laminated Safety Glass, EN1062/359	BR1/S, P4A-12mm Laminated Safety Glass, EN1062/359	BR1/S, P4A-12mm Laminated Safety Glass, EN1062/360	BR1/S, P4A-12mm Laminated Safety Glass, EN1062/361
<b>Rotor Wings Standard Finish</b>	Aluminium painted grey	Aluminium painted grey	Aluminium painted grey	Aluminium painted grey	Aluminium painted grey	Aluminium painted grey	Aluminium frame, RAL 7040
<b>Custom RAL colour upgrade option</b>	X	X	X	X		X	
<b>Upgrade Frame to Stainless Steel</b>	X	X	X	X		X	
<b>Outdoor Paint Upgrade</b>	X	X	X	X		X	X
<b>Heating Kit Option</b>	X	X	X	X		X	X
<b>Card Reader Integration</b>	X	X	X	X	X	X	X
<b>IP Rating</b>	IP 33	IP 33	IP 33	IP 33	IP 33	IP 33	IP 33
<b>MCBF</b>	2 Million Cycles	2 Million Cycles	2 Million Cycles	2 Million Cycles	1.5 Million Cycles	2 Million Cycles	1.5 Million Cycles

# HIGUARD<sup>2</sup>

**A high-security entrance portal featuring smart glass doors and a smooth motorised action**

HiGuard<sup>2</sup> security portals for internal or semiexternal installation for higher risk sites with unmanned, entirely automated, sequentially opening gates that provide a visual and physical deterrent to fraudulent entry.



# HIGUARD<sup>2</sup> HS90L

**An LPS certified, motorised high security portal for internal and semi-external installation**

Our HiGuard<sup>2</sup> (square version) is certified to LPS 1175 Issue 8 C5 (SR3) rating and features our signature transparent glass portal design with various security levels to prevent tailgating and piggybacking.





# SECURITY REVOLVING DOORS

High flow rate through simultaneous entry and exit providing fast and stylish access control, where a steady flow of people needs to be managed with elegance and efficiency.

Revolving doors offer a professional and sophisticated look to any building, providing a welcoming effect to visitors, employees and users. Suitable for internal or semi-external installation to allow flexibility of the installation site.

Our revolving doors can prevent tailgating and piggybacking using inbuilt motion detection sensors. If a fraudulent entry is detected the door will attempt to prevent by stopping and reversing to reject users.

Tailgating detection prevents unauthorised persons transiting in a different quadrant to an authorised user

Three wing version with a smaller footprint and sufficient space for user comfort

Simultaneous bi-directional passage for three or four wing versions resulting in a high flow rate

NCI Anti-piggybacking detection option provides extremely high accuracy in detection

Semi external or internal installation allowing numerous options for installation layout configurations

Motorised movement providing contactless entry and exit for the user

Fully customisable to integrate a wide range of access control devices

Option to certify to EN1627 manual attack resistance up to RC4

Revolving Doors	Orbix
Throughput (Proximity reader "Hands free")	Up to 48 ppm (simultaneously in both directions)
Internal Diameter (mm)	1500 – 2180
Overall Height (mm)	2300
Overall Width (mm)	1720 – 2300
Frame & Cornice Standard Finish	Embossed painted steel section powder coated finish RAL 9006
Frame Glazing	11/12 mm laminated safety glass P4A BR1/S (in accordance with EN356-EN1063)
Rotor Wings Standard Finish	Aluminium frame, finish silver RAL 7040 11/12 mm laminated safety glass P4A BR1/S (in accordance with EN356-EN1063) safety manifestations on moving glass wings
Ceiling Finish	Laminated HPL finished Pearl Grey
Three Wing Version	X
Four Wing Version	X
Ceiling Mounted Drive & Control	X
Battery Back Up	20 Passages
Tailgating Detection	X
Anti-Piggybacking Detection	X
Bi-Directional Passage	For 3 & 4 Wing Versions
EN 16004 Certified	X
Manual Attack Resistance Upgrade Option	Certified to EN 1627 manual attack resistance up to RC4
Ballistic Resistance Upgrade Option	Glass and casework certified to EN 1063 and EN 1522 up to BR/FB 6
Breakout Functionality Option	X
Single Person Detection (with option below)	X
Ultrasound Anti-piggybacking Detection Option	X
NCI Anti-piggybacking Detection Option	X
Night Shutter Option	X
Free Passage Configuration	X
LED Passage Down Lights	Standard
Audible User Messages	X
Card Reader Integration	X
IP Rating	IP 33
MCBF	1.5 Million Cycles



# ORBIX

**An elegant motorised revolving door for internal or semi external installation, ideal for where a steady flow of people in and out needs to be managed with style and efficiency**

Orbix is a premium quality security revolving door that allows true bi-directional entry and exit simultaneously while preventing tailgating and piggybacking.

Featuring a stylish and elegant yet robust design, it is the perfect solution for areas that require both high security performance and aesthetics that compliment surrounding architecture. On receiving a signal from the access control system or push button on exit, Orbix rotates to allow authorised passage.



# FULL HEIGHT TURNSTILES

Strong and durable security turnstiles for robust access control, well suited to exterior and interior use at high risk sites, correctional facilities and stadiums.

rity without manned monitoring. With a wide range of rotor designs, finishes and colours, we can offer a turnstile solution to meet your needs.

Our full height turnstiles offer a tough first line of defence designed to provide a high degree of secu-

Physical barriers locked in closed position provides a physical barrier to stop unauthorised entry

Highly reliable electromechanical mechanism ensures a long service life and minimal downtime

Simultaneous bi-directional passage for three or four wing versions resulting in a high flow rate

The choice of 90- or 120-degree rotor gives the ability to prioritise security for user comfort

Anti-reverse rotation during transit prevents unauthorised transit in the opposite direction

Wide selection of materials and finishes

Interlocked double versions allows two passageways to be installed in a smaller footprint than two single turnstiles

Optional heating kit for lower temperature operation

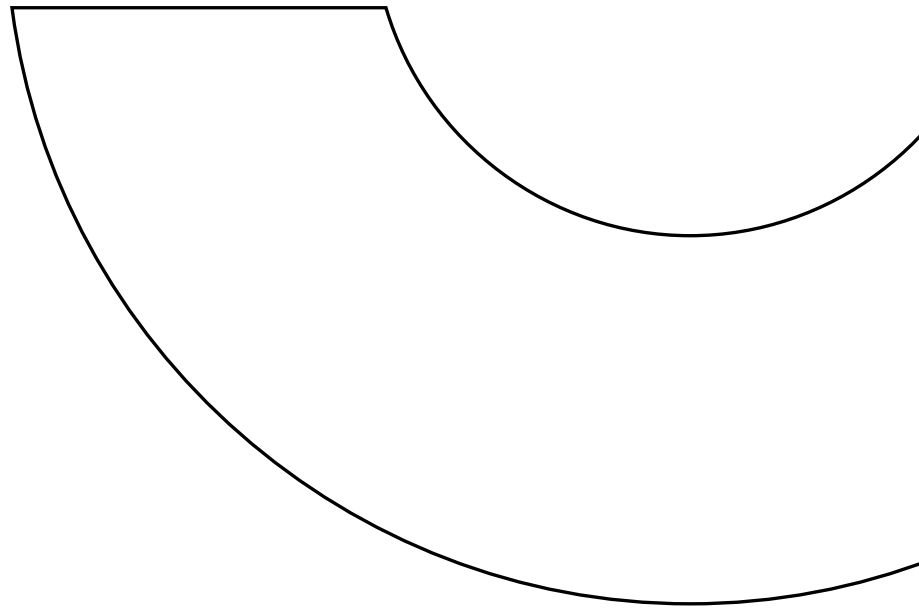
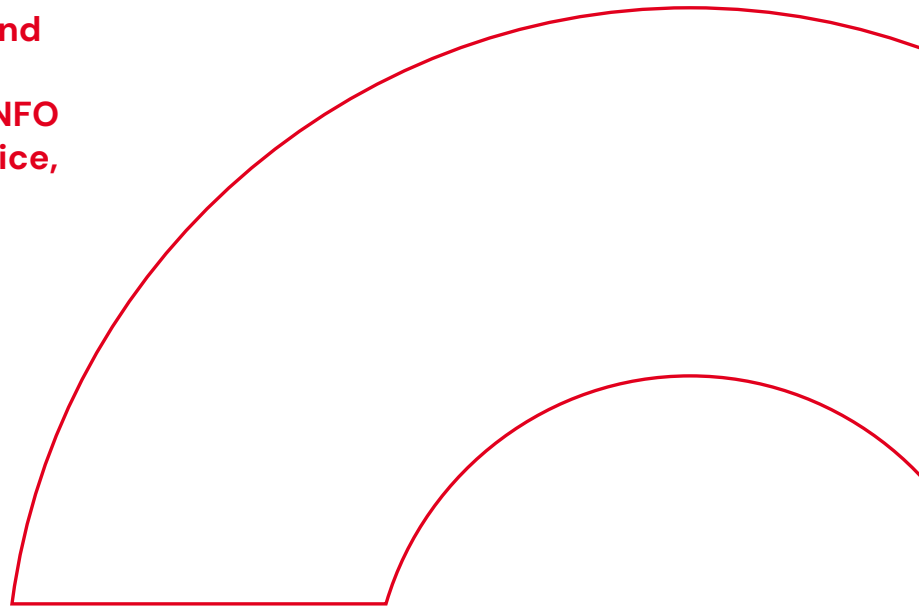


Caution



Work in progress

**Safe, secure, fast, intuitive and backed up by our dedicated maintenance service, COMINFO systems are the reliable choice, trusted globally.**



**cominfo**

By **GUNNEBO** Entrance Control

**COMINFO, a.s.** | Nabrezi 695, 760 01 Zlin–Prstne, Czech Republic | +420 603 151 333 | [cominfo@cominfo.cz](mailto:cominfo@cominfo.cz)