PORTACC as an integrated solution for the site security and portable access control system. This special designed system connects advantages of mobility (portable container unit), security (turnstile: half-height or full-height) and electronic access control (RFID reader/Bar Code scanner).

Guard House completes whole system to manage data processing from access control system or area monitoring by CCTVs. Car gate system supplements control system to supervise all vehicle movement in secured site.

Turnstile for high traffic environment provides permitted passages only. No passage without necessary ID card (BarCode ticket, RFID tag) can be realized.

All these tasks can be provided from one place by using PORTACC.

Solution for extreme situations
Anti-vandal construction together with weather-resistance treatment enables to use PORTACC in the extreme and high-traffic environments as building industry, oil and mine industry or concerts and festivals. The power supply back-up keeps this system functional in case of power failure or other unexpected events too.

Module unit variability
The modularity of PORTACC integrated system ensures tailor solution for any projects, requirements and customization. This module system enables to meet all the project requirements and offers wide range of PORTACC models (as ONE-turnstile module, 20 feet and 40 feet modules and many others). All the modules can be completed by Guard House or Car Gate system.

Module design
The PORTACC system applies nice interior look in tough steel container construction with module variability in the meaning of module dimensions. All the turnstile connections with its cabling are hidden behind the wall and not accessible for any trespasser.

Application environment
- building industry
- power stations
- refineries
- ports, dockyard
- large outdoor public events
- military installations
- mass transit systems
PORTACC module specification
General specification of PORTACC modules

Container unit variability
Description of PORTACC module variability

Guard House
Control room with Security Guard equipment

Car Gate system
Car gate with barrier beam length up to 6m

Turnstile type
BAR BA: half-height tripod turnstile
REXON ERA3 / ERA 3 DUO: full-height turnstile

Specification overview
Standard specification and optional accessories

Layout drawings
Drawings with general module dimensions
**PORTACC design** and construction is pointed to nice and blank look but fully functional and extreme conditions resistance.

**Container unit construction**
The container unit represents Free-standing steel construction with steel sheeting finished by customized RAL color. Container unit is thermally and vapor insulated. For handling by crane the 8 ISO container corners are implemented in container construction. Fork-lift pockets for easy transport by forklift or exterior lightning can be optionally added.

**Interior**
Interior walls of Turnstile room are made of white colored steel plate with water-proof treatment for easy cleaning and nice representative look together. Non-slip material (rifled alu-sheet) as flooring was chosen as standard. Interior sections are fully illuminated by high-performance fluorescent lamps.

**Pass Lane**
Standard pass entrance door is naked without roller gate. Flooring is made of non-slip rifled Aluminium sheet. Optionally equipment as mechanical/electrical roller gate or Entry hinged platform is available.

**Guard House**
Thermally and vapor insulated Guard House with interior window enables full control of passes through turnstiles. Security entry door increases security level of PORTACC module. Guard House can be additionally equipped by office furniture, Air Conditioner with heating convertor, PC, CCTV, exterior window with roller shutter and many others.

**Turnstile types**
For different security level requirements the PORTACC system offers two turnstile types to choose. Vandal resistance stainless steel construction of both turnstile types is natural.

The Half-height tripod **BAR BA** turnstile as low security level is suitable for concerts or festivals.

Otherwise Full-height **REXON ERA 3 / ERA 3 DUO** turnstile with tough construction is optimal to use in extreme conditions as industry environments.

Many additional options for both turnstile types are available (e.g. remote control, power supply back-up, traffic light...).

**Car Gate system**
Car Gate barrier can be optionally implemented to container construction. This system ensures car traffic control in the same place within person access control.

Removable barrier beam enables easy transport of PORTACC unit with implemented Car Gate system. Many additional features as beam skirt or lightning kit, power supply back-up and others are available.

The container module length extension is 500 mm in case of Car Gate system implementation.

For more information of Guard House and Car Gate system see Specification overview or contact Cominfo Inc.
The PORTACC system represents connection of good looking interior with resistant and tough module construction together. It means it is possible to adapt container module dimensions to customer’s requirement or implement Guard House and Car Gate system too.

Finally customer can select turnstile type according to the project focusing (BAR BA, REXON ERA3, REXON ERA 3 DUO). Additionally it is possible to design the tailor module solution beside the general PORTACC models. The PORTACC module variability is really very large.

General PORTACC models:

**One turnstile modules:**
- 1x REXON turnstile
- 1x REXON turnstile + Guard House
- 1x BAR turnstile
- 1x BAR turnstile + Guard House

**20fts. modules:**
- 4x REXON turnstile
- 3x REXON turnstile + Guard House
- 6x BAR turnstile
- 4x BAR turnstile + Guard House

**40fts. modules:**
- 4x REXON ERA DUO turnstile
- 6x REXON turnstile + Guard House
- 12x BAR turnstile
- 8x BAR turnstile + Guard House

The PORTACC system uses tailored modules for each projects and it can be supplied in wide module ranging from 2 metres to 12 metres.

The container module length is extended for 500 mm in case of Car Gate system implementation. For 20fts./40fts. modules – the module length is not strictly 20fts. / 40fts.
**GUARD HOUSE**

Additional Guard House for PORTACC unit is not-separable part of container and can be placed at the edge or in the middle part of container unit.

It is a thermally and vapor insulated control room for Security Guards employees.

Window view with slide opening to the turnstile part of container unit ensures passage monitoring by Security Guards and steel Security door increase security level of PORTACC system.

This Guard House can be additionally equipped by office chair and desk, Air Conditioner with heating convertor or PC with LAN interface and CCTV. Window can be equipped by roller shutter.

For turnstile remote control the additional Touch Panel or TMON software application can be added. The remote control commands as single /permanent / free pass and emergency mode settings are natural.

**CAR GATE SYSTEM**

The container module length extension is 500 mm in case of Car Gate system implementation.

Platform with a car gate can be implemented in container construction. This platform is not demountable so it can be transported together with container unit without difficult and time-wasting procedures.

Car Gate system is also equipped by removable gate barrier with length up to 6 meters.

It is recommended to choose Guard House together with Car Gate system. In this case Guard house has to be placed at the edge of container unit (not in the middle of the container).

Thanks to the barrier length up to 6m the Car Gate can be used for heavy trucks and lorries as bi-directional control system.

Two way of Car Gate control can be used - push button placed in Guard House or remote control is possible.

Other optional accessories as barrier lightning, barrier skirt kit, back-up accumulator system in case of power failure or special small gate in container construction for easy barrier beam transport is certain.

For more information of Guard House and Car Gate system see Specification overview or contact Cominfo Inc.
## TURNSTILE TYPE

<table>
<thead>
<tr>
<th>REXON ERA 3 / ERA 3 DUO</th>
<th>BAR BA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type of construction</strong></td>
<td>full-height turnstile / duo version available</td>
</tr>
<tr>
<td><strong>Dimensions (mm)</strong></td>
<td></td>
</tr>
<tr>
<td>turnstile height</td>
<td>2,520 mm</td>
</tr>
<tr>
<td>turnstile length</td>
<td>1,365 mm</td>
</tr>
<tr>
<td>turnstile width</td>
<td>1,540 mm (ERA 3) / 2,360 mm (ERA 3 DUO)</td>
</tr>
<tr>
<td>barrier type</td>
<td>3 wings with straight bar arms</td>
</tr>
<tr>
<td>passage sector</td>
<td>120° sector</td>
</tr>
<tr>
<td>suitable as wheelchair pass</td>
<td>no</td>
</tr>
<tr>
<td><strong>Material</strong></td>
<td></td>
</tr>
<tr>
<td>construction</td>
<td>Steel construction, zinc treated / RAL finished top panel</td>
</tr>
<tr>
<td><strong>Power supply (fail-lock motor drive unit)</strong></td>
<td></td>
</tr>
<tr>
<td>- with heating module</td>
<td>13.8V DC / 3.5 A (ERA 3)</td>
</tr>
<tr>
<td>- without additional accessories</td>
<td>13.8V DC / 7.0 A (ERA 3 DUO)</td>
</tr>
<tr>
<td>Power supply backup</td>
<td>yes*</td>
</tr>
<tr>
<td>Emergency mode (in case of emergency)</td>
<td>Emergency button by Touch Panel* or TMON application*</td>
</tr>
<tr>
<td></td>
<td>Emergency drop arm*</td>
</tr>
<tr>
<td><strong>Other standard features</strong></td>
<td>Extra locking mechanism, outdoor package</td>
</tr>
<tr>
<td>Climbing over detection</td>
<td>not required (no space between turnstile and inner roof)</td>
</tr>
<tr>
<td><strong>Options</strong></td>
<td></td>
</tr>
<tr>
<td>Proximity card reader / Data terminal</td>
<td>yes* (special bracket required)</td>
</tr>
<tr>
<td>Traffic light</td>
<td>yes*</td>
</tr>
<tr>
<td>Remote control</td>
<td>yes* (Touch Panel or Software application to control via PC)</td>
</tr>
</tbody>
</table>

For more additional options see Specification overview

* offered as optional (for more details see Specification overview or contact Cominfo Inc.)
SPECIFICATION OVERVIEW - Standard specification

Container module unit - construction
Material
Steel frame, steel sheeting (zinc coated), RAL color finished, cement chip floor board
Handling
8 ISO corners for crane hook (40fts. container equipped extra more) by eye for crane hook
Other features
Roof drainage, standard insulation and vapor-blocking

Container module unit - interior (including Guard House)
Material
Interior walls made of white colored steel plate with waterproof treatment
Flooring material - 3mm riffl ed alu-sheet, non-slip
Other Features
Ventilation with insect mesh, illumination of all interior sections (including Guard House)

Pass lane
Material
Flooring material - 3mm riffl ed alu-sheet, non-slip
Other features
Standard naked entrance door without roller gate

Guard House
Insulation
Thermally and vapor insulated control room
Equipped by convector heater
Other features
Wall socket (socket type according to target state) + LAN interface
Security entry door (in RAL color of container construction)

Turnstile (for high-traffic environment)
BAR BA turnstile
Turnstile type
Half height tripod turnstile with FAIL-LOCK motor drive unit
Material
Stainless steel construction
Other features
Outdoor package (heating system with thermometer for motor drive unit)

REXON ERA3 / ERA 3 DUO turnstile
Turnstile type
Three wings version (single/duo) of full height turnstile with FAIL-LOCK motor drive unit equipped by extra electromagnetic brake
Material
Zinc treated construction with RAL color finish
Other features
Outdoor package (heating system with thermometer for motor drive unit)

Car Gate system (the container module length extension is 500 mm)
Platform
Platform is part of container unit construction = platform is not removable
Barrier beam
Removable barrier beam with length up to 6 meters
OPTIONAL ACCESSORIES

Container module unit
Surface finish

RAL color various (different color of container walls, construction, door ...). Special anticorrosive surface treatment (for long-term seawater environment as seaport ...)

Pass lane optional accessories
Roller gate

Mechanical roller gate (equipped by lock)
Electrical roller gate (equipped by lock)
Unlocking mechanism for electrical gate
Storage for bar tool to use unlocking mechanism for electrical gate
Non-slip flooring (Grabiol)
Entry hinged platform
ENTRY/EXIT symbols on roof

Passage features

Guard House optional equipment
Office equipment

Office swivel chair + table
Air Conditioner with heating convertor (HV/AC)

Temperature conditions

External window (not opening, with roller shutter)
External window (1/2 slide opening, with roller shutter)
External window (full slide opening, with roller shutter)
Roller shutter for internal window

Window view

Turnstile accessories
BAR BA turnstile only
Remote control

Emergency drop arm, Climbing over/Crawling under detection
Touch Panel (for remote control)
TMON software application (for remote control via PC)
FAIL-SAFE motor drive unit
Back-up accumulator
Traffic light

Other features

Other optional accessories

Other features

Other features

External lightning
Forklift pockets (for transport by forklift) - only for container unit length up to 6,5m
All dimensions are quoted in mm.
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Certificates of turnstile

Certificates of container unit