

## CUBETECH A

## Motorized Security Booth

for indoor applications

CUBETECH A motorized security booth for conventional security entrances and is ideal for controlling movement and establishing a line of defence from the outside, into the building.

CUBETECH A comes with an anti-piggy backing electronic control system to avoid access of two people at the same time and command console programmable by intercom.

### AVAILABLE CONFIGURATIONS

- CUBETECH A – motorized mono-block security booth



### Typical areas of application include:

Commercial & Residential Estates | Construction Sites | Education | Government Sites | Industrial Sites | Leisure Centres | Logistics Centres | Mines | Recreation & Amusement Parks | Parks Secure Compounds | Stadia & Sport Arenas

Alltech Vehicle Barriers & Turnstiles Solutions also feature:

Boom and Spike Barriers | Bollards | Fast Folding Gates | Road and Rated Wedge Blockers | Half Height Turnstiles | Tripod Turnstiles | Revolving Doors | Special Needs Access Gates

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## ELECTRICAL DATA & CONDITIONS OF USE

<b>POWER</b>	<ul style="list-style-type: none"><li>▪ Power Supply: 220Vac 50Hz / 110Vac 50Hz</li><li>▪ Power Consumption: 200W</li><li>▪ Buffer Battery functions in case of absence of power</li></ul>
<b>LOGIC / SOLENOID VOLTAGE</b>	<ul style="list-style-type: none"><li>▪ 24VDC</li></ul>
<b>FIRE SIGNAL</b>	<ul style="list-style-type: none"><li>▪ Input for voltage free contact</li></ul>
<b>OPERATING TEMPERATURES</b>	<ul style="list-style-type: none"><li>▪ -10°C to +55°C</li><li>▪ RH 95% no condensing</li></ul>
<b>EMC COMPLIANCE</b>	<ul style="list-style-type: none"><li>▪ According to CE</li></ul>

## SYSTEMS INTEGRATION & ACCESS SPECIFICATIONS

<b>LOGIC</b>	<ul style="list-style-type: none"><li>▪ RS232 PLC logic micro-processor</li></ul>
<b>SYSTEMS INTEGRATION</b>	<ul style="list-style-type: none"><li>▪ Integrates with any access control and time &amp; attendance systems with 0 voltage input</li><li>▪ 0V inputs provided for entry and exit directions of passage</li><li>▪ 0V outputs provided for complete transaction counting in both entry and exit directions</li><li>▪ Mechanical key switch override for locking / unlocking each direction of passage</li></ul>
<b>FLOW RATES</b> <i>Guideline only dependent on access control installation</i>	<ul style="list-style-type: none"><li>▪ 6 passages / mn in entrance and exit</li></ul>
<b>DISABLED ACCESS</b>	<ul style="list-style-type: none"><li>▪ No. Only available in combination with a full height access gate. See Alltech PEDTECH product.</li></ul>
<b>EMERGENCY EGRESS</b>	<ul style="list-style-type: none"><li>▪ In the event of power failure or fire alarm, the CUBETECH A's internal and external doors will open</li><li>▪ Opening of booth shutter via manual over-ride</li></ul>

## INSTALLATION & MAINTENANCE

<b>PRODUCT DELIVERY</b>	<ul style="list-style-type: none"><li>▪ Fully assembled or in a kit form. Choice to be specified at time of order placement.</li></ul>
<b>SITE PREPARATION</b>	<ul style="list-style-type: none"><li>▪ Flat and leveled finished floor +/- 5mm</li></ul>
<b>CABLING &amp; CONDUITS</b>	<ul style="list-style-type: none"><li>▪ Trough the ground or through the wall</li></ul>
<b>LOGIC ACCESS</b>	<ul style="list-style-type: none"><li>▪ Housed into top channel with lockable lid</li></ul>
<b>MAINTENANCE ACCESS</b>	<ul style="list-style-type: none"><li>▪ Top channel access</li></ul>
<b>MTRR</b>   <i>Mean Time To Repair</i>	<ul style="list-style-type: none"><li>▪ Approx. 20mn</li></ul>
<b>MCBF</b>   <i>Mean Cycle Between Failure</i>	<ul style="list-style-type: none"><li>▪ 1 million</li></ul>

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## MECHANICAL AND DESIGN OPTIONS

<b>DOOR MECHANISM</b>	<ul style="list-style-type: none"> <li>▪ Electronically controlled bi-directional</li> <li>▪ Mechanically controlled uni-directional via key override</li> <li>▪ Auto-sliding doors</li> </ul>
<b>LOCKING</b>	<ul style="list-style-type: none"> <li>▪ Electronic locking of doors with mechanical lock for night time locking</li> <li>▪ Security block in closer with mechanical lock</li> </ul>
<b>FINISH OPTIONS</b>	<ul style="list-style-type: none"> <li>▪ Frame: 3mm Mild steel powder coated .             <ul style="list-style-type: none"> <li>▪ RAL 7035 – Light Grey</li> <li>▪ RAL 8019 – Grey Brown</li> <li>▪ RAL 9011 – Graphite Black</li> </ul> </li> <li>▪ <i>Other choice of colour available on request. Not recommended for corrosive environment applications</i></li> <li>▪ Door: Available in either Anti bandit or 28mm BR3 Ballistic glass.</li> <li>▪ Side Panels: Glass Panel or Solid</li> </ul>
<b>DESIGN FEATURES</b>	<ul style="list-style-type: none"> <li>▪ Remote command console with intercom</li> <li>▪ Digital vocal communication for the guide of users</li> <li>▪ Bi directional</li> <li>▪ Emergency back-up battery</li> <li>▪ Internal spot light</li> </ul>
<b>ACCESSORIES</b>	<ul style="list-style-type: none"> <li>▪ Access control reader mounting brackets available in various dimensions</li> <li>▪ Single / dual push button (supplied mounted or non-mounted)</li> <li>▪ Metal detector positioned inside of the unit</li> <li>▪ Internal micro-camera</li> </ul>

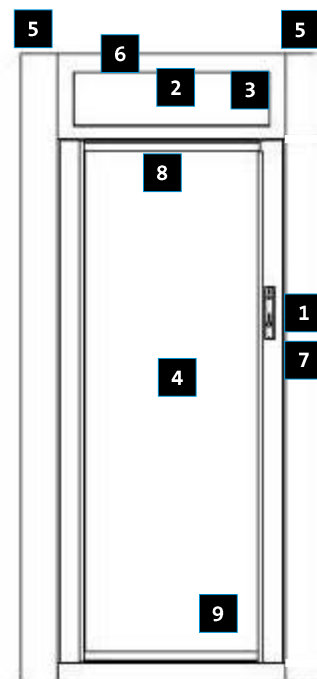
## PRODUCT OVERVIEW

### INDEX KEY

<b>1</b>	Internal and External Intercom System	<b>6</b>	Emergency back-up battery
<b>2</b>	Top channel lockable lid	<b>7</b>	Access control reader mounting position
<b>3</b>	Mechanical key overrides	<b>8</b>	Internal spotlight
<b>4</b>	Anti bandit or 28mm BR3 Ballistic glass	<b>9</b>	APB load cell
<b>5</b>	Wiring entry points		

### DIMENSIONS & WEIGHTS

<b>A: OVERALL HEIGHT</b>	2400mm
<b>B: HEIGHT CLEARANCE</b>	2000mm
<b>C: OVERALL WIDTH</b>	1050mm
<b>D: WALKWAY WIDTH</b>	600mm
<b>E: TOTAL LENGTH</b>	1050mm
<b>NET WEIGHT</b>	700kg



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**ALLTECH**  
VEHICLE BARRIERS & TURNSTILES SOLUTIONS

**CUBETECH A**

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## ALLTECH RELIABILITY

Picking the optimum entrance control solution is a process based on close cooperation with our customers – all the way from **needs analysis**, **production**, to **implementation** and **service**

### From Analysis to Proposal

- Needs analysis forms the basis of a tailored proposal
- Specified for the overall solution and for individual areas of the site
- Fully compliant with all local regulations

### Installation, Testing, Training

- Monitoring and implementing every installation
- Completion programme of functional reliability checks to ensure the equipment is safe
- Documenting each stage of the installation process
- Initiating start-up phase with focusing on training the relevant staff

### Operation and Maintenance

- Initiating procedures for operation and maintenance
- Offering adequate Maintenance Plans or Service Level Agreements

With Alltech, a brand of the Gunnebo Security Group, a safe and reliable entrance control system is ready for round-the-clock use.



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