

KERBTECH A

Automatic Road Blocker
for outdoor applications

KERBTECH is an enhanced security traffic barrier, effectively used to protect targeted locations. The blocker is designed for simple and quick installation and is constructed to withstand harsh environmental conditions.

To enhance the blocker's reliability, all the electrical controls and the hydraulic units are remotely sited above the ground in the vandal resistant, weather proof control cabinet



AVAILABLE CONFIGURATIONS

- KERBTECH - Recess mounted rising curb blocker available in 2000mm standard length and up to 4000mm.

Typical areas of application include:

Car Parks | Security Checkpoints | Industrial Sites | Government Sites | Mining | Airports | Seaports | Secure Compounds | Commercial & Residential Estates

Alltech Vehicle Barriers & Turnstiles Solutions also feature:

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

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For a safer world

ELECTRICAL DATA & CONDITIONS OF USE

POWER	<ul style="list-style-type: none"> Power Supply: 220Vac/ 50Hz Power Consumption: 1.5Kw
LOGIC VOLTAGE	<ul style="list-style-type: none"> 220 Volts AC
OPERATING TEMPERATURES	<ul style="list-style-type: none"> -10°C to +55°C RH 95% no condensing
EMC COMPLIANCE	<ul style="list-style-type: none"> According to CE

SYSTEMS INTEGRATION & ACCESS SPECIFICATIONS

LOGIC	<ul style="list-style-type: none"> KB400 PLC combined logic and loop detector
SYSTEMS INTEGRATION	<ul style="list-style-type: none"> Integrates with any access control and time & attendance systems with 0 voltage input 0V inputs provided for entry and exit directions of passage 0V latching input provided for control of both simultaneous and individual entry and exit direction
SPEED OF OPERATION	<ul style="list-style-type: none"> 4.0s - 5.0s rise and lowers in 3.0s – 4.0s dependent on length
FLOW RATES Guideline only dependent on access control system	<ul style="list-style-type: none"> Insertion Type Reader: 12 passages / mn Swipe Type Reader: 15 passages / mn Proximity Type Reader: 17 passages / mn
POWER FAILURE	<ul style="list-style-type: none"> In the event of power failure or emergency the KURBTECH will lock in a raised position by the solenoid control valve. Hydraulic pump can be used for manual override.

INSTALLATION & MAINTENANCE

PRODUCT DELIVERY	<ul style="list-style-type: none"> Fully assembled.
SITE PREPARATION	<ul style="list-style-type: none"> Flat and leveled concrete (or paved surface +/- 5mm, with reasonable level resistance Pit needs to be dug to retain the Curb Blocker housing, as well as trenches for PVC sleeves 50mm/ 100mm leading from the pit to enclosure housing 2000mm – L 2250mm x W 1370mm x D 687mm 4000mm – L 4550mm x W 1370mm x D 687mm Control Cabinet: L 950 mm x W 620mm x D 200mm
CABLING & CONDUITS	<ul style="list-style-type: none"> Trough in the ground
LOGIC ACCESS	<ul style="list-style-type: none"> Housed in the barrier housing, access via lockable service hatch door.
MAINTENANCE ACCESS	<ul style="list-style-type: none"> Barrier housing via lockable service hatch door.
MTTR Mean Time To Repair	<ul style="list-style-type: none"> Approx. 1hr
MCBF Mean Cycle Between Failure	<ul style="list-style-type: none"> 5 million

DESIGN OPTIONS & ACCESSORIES

DRIVE	<ul style="list-style-type: none"> Electro motorised , electronically controlled
LOGIC CONTROLLER	<ul style="list-style-type: none"> KB400 PLC combined logic and loop detector Selector switch relay control panel
BARRIER OPTIONS	<ul style="list-style-type: none"> Hot dipped galvanised steel (main housing section and housing lid black) . Other choice of colour available on request. Not recommended for corrosive environment applications

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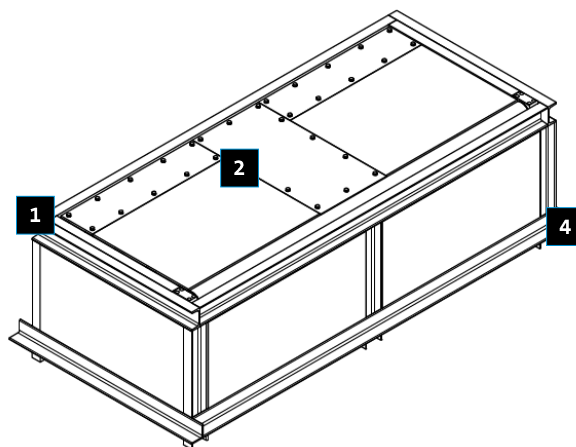
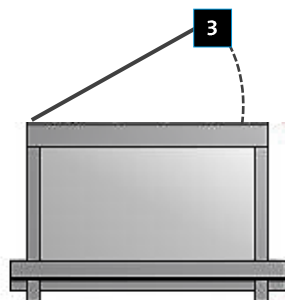
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CABINET FINISHED OPTIONS	<ul style="list-style-type: none"> ▪ Powder coated 3CR12 stainless steel (main housing section white and housing lid black) . Other choice of colour available on request. Suitable for low corrosive environment applications 	
SAFETY & OPERATING ACCESSORIES	<ul style="list-style-type: none"> ▪ Loop detector ▪ IR safety beam transmitter and receiver / reflector ▪ Green/Red dual traffic light (incandescent light or LED) 	<ul style="list-style-type: none"> ▪ Single / dual push button ▪ Key-fob transmitter (one- or three-button) and receiver
APPLICATION ACCESSORIES	<ul style="list-style-type: none"> ▪ Car gooseneck options ▪ Dual car/truck gooseneck options ▪ Boom pole barrier 	<ul style="list-style-type: none"> ▪ Gravity fed card drop box options ▪ Rain covers ▪ Mounted boxed for camera and readers

PRODUCT OVERVIEW

INDEX KEY

- 1** Hot dip galvanized mild steel curb blocker housing with bolting points.
- 2** Top plate flush with street level when closed
- 3** Raised curb blocker
- 4** Wiring entry points from cabinet housing



DIMENSIONS & WEIGHT

BARRIER X LENGTH (mm)	L = 2000 / 3000 / 4000	
CURB BLOCKER DIMENSIONS (mm)	500mm curb = W = L x H 620 x D 970	650mm curb = W = L x H 760 x D 1200
CONTROL CABINET DIMENSIONS (mm):	W 850 X H 1100 X D 520	
BLOCKING HEIGHT (mm)	500mm	650mm
NET WEIGHT	L2000 = 850Kg	L4000 = 1250Kg



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 both 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 whilst focusing on training of 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.



Bishopsgate Int (Nig) Ltd
52a Campbell Street
Lagos Island CBD
Lagos State 100221

Tel. +234 (700) 247-4677-4283
Email: sales@bishopsgate-nq.com
Web: www.bishopsgate-nq.com

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