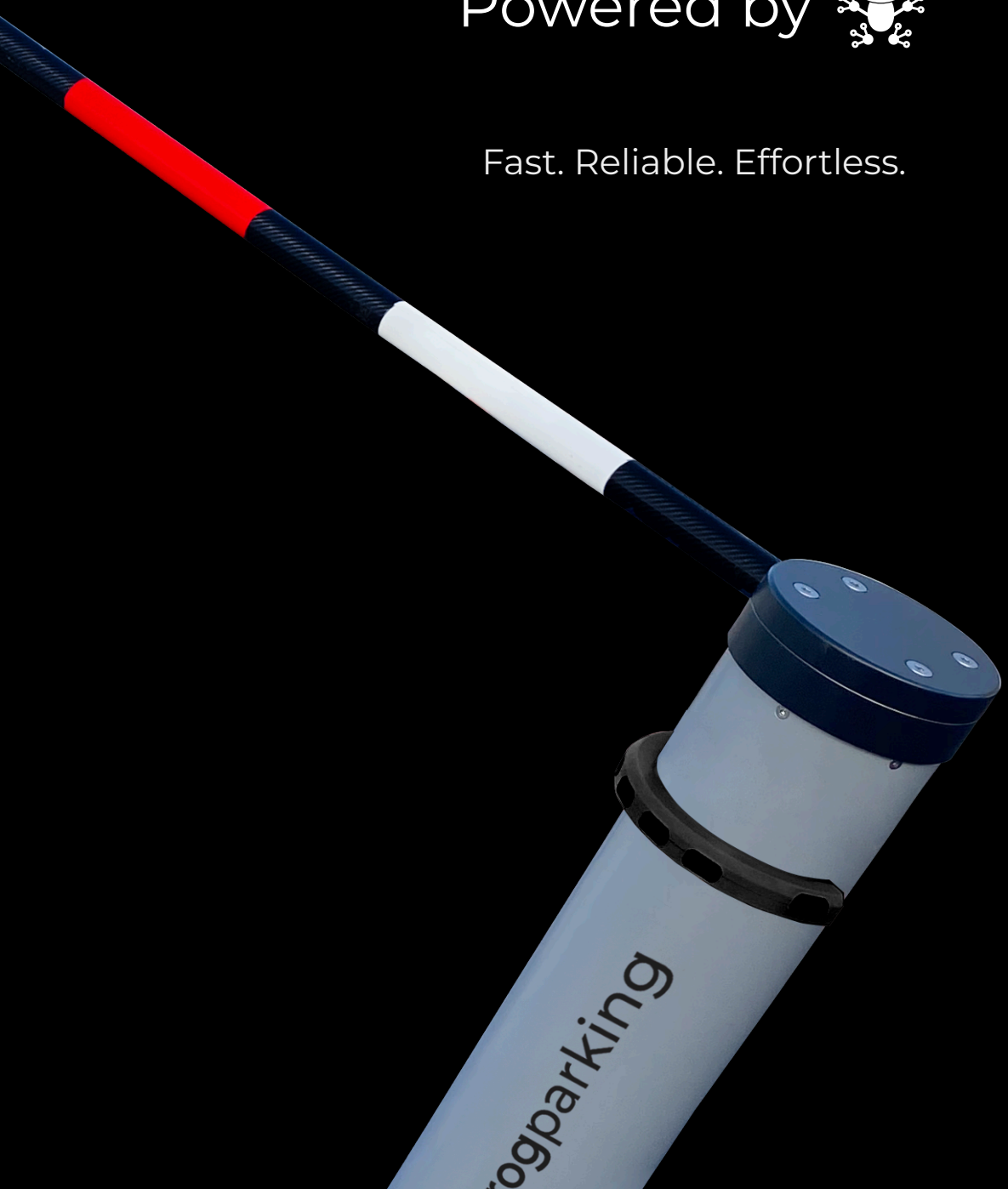
Introducing

FrogGate

Powered by

Fast. Reliable. Effortless.



Frogparking

FrogGate Features

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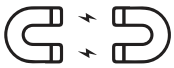
Indestructible gate arm

Lightweight but extremely durable carbon fiber arm ensures no vehicle damage and resists vandalism.

Easy to see, day & night

LED lights illuminate the gate arm as it opens and closes to communicate driver motion.



Auto reset feature

If hit or pushed, gate arm will de-couple and can automatically reset itself without any human intervention, ensuring all revenue is captured.

Swift entry & exit

Gate arm opens and closes rapidly keeping traffic congestion to a minimum.

Pedestrian safe

Laser safety ensures gate stays still if anything is in close proximity.

Sustainable

Superior engineering ensures less repair wastage. Retrofit or new build ready - no cutting of loops or civil works required.

Your branding

Available with your own branding, keeping your aesthetic consistent.

Cloud storage

All digital data is stored on offsite servers via cellular data communication.

Our world-first zero maintenance barrier reduces your repair costs considerably.

An automatic resetting barrier arm ensures limited operational downtime - protecting revenue collection and functional interference.

Frog gate remains in drivers view the whole time it actuates allowing drivers to move through the barrier much quicker with the confidence that it will clear their vehicle.

- **Zero maintenance:**
  - Harmonic drive system for high reliability
  - No balance springs
- Left-hand & right-hand available
- Standard key override
- External inputs for intercom, fire alarm overrides and remote open/close
- Automatic resetting barrier arm with magnetic couplings to protect itself from impact
- Low inertia carbon fiber arm
- Optional barrier decouple alarm
- Adjustable “gate open” position for low ceilings or obstructions
- Remotely configurable laser safety

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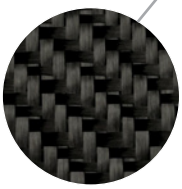

Lightweight but extremely durable carbon fiber arm ensures no vehicle damage and resists vandalism.

Swift entry & exit

Gate arm opens and closes rapidly keeping traffic congestion to a minimum.

Reduce tailgating

If drivers attempt to tailgate they will see the arm coming down towards them making it obvious that they must immediately stop.

Rotating head and arm, with internal magnets

FrogGate functions on strong internal magnets connected to the drive motor. There are no balance springs, lowering your maintenance costs.

Pedestrian safe

Laser safety ensures gate stays still if anything is in close proximity.

Opens at an angle

Opening forwards and upwards at an angle means you don't need articulated arms for low ceiling situations

Optional decouple alarm

Alarm will sound when barrier is impacted and internal magnet is decoupled from the motor.

Auto reset feature

If hit or pushed, gate arm will de-couple and automatically reset itself without any human intervention, ensuring all revenue is captured.

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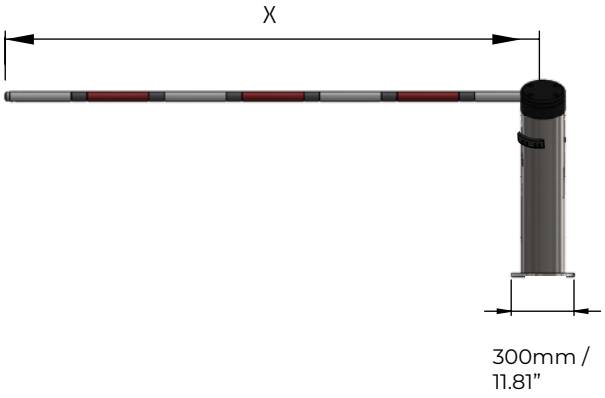
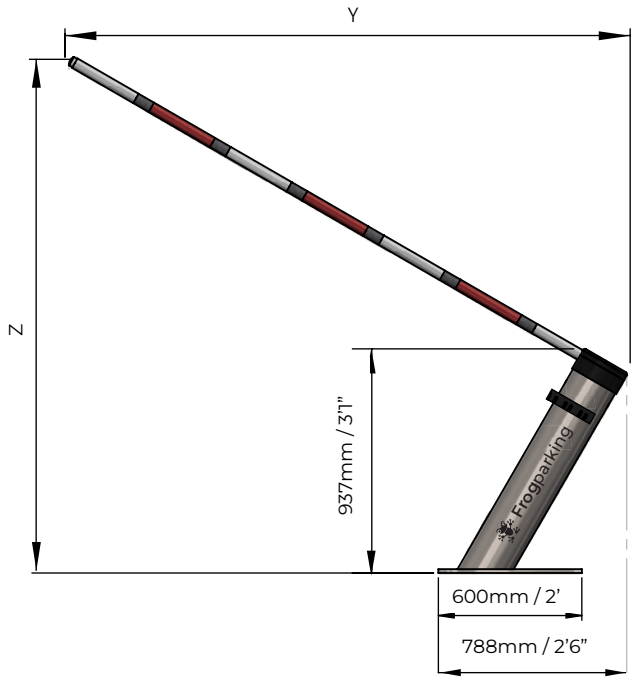
Mounting method

Hidden masonry anchors
Thunderbolt Pro
CSK 12 X 150MM GAL.

Hinged baseplate

Ensures easy access to internal hardware for pain-free maintenance.





Dimensions

X	Y	Z
2500mm (8’2”)	2304mm (7’7”)	2144mm (7’)
3000mm (9’10”)	2737mm (9’)	2394mm (7’11.5”)

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FrogGate Specifications

Input voltage
110/230VAC to 36VDC - 240W
(internal AC/DC power supply can be mounted externally - up to 10m)

Opening speed
1.5 Seconds (adjustable)

Connectivity
Wired ethernet interface
(for communication with payment kiosks)

Ingress protection rating
IP65

Column
Powder coated aluminum

Mounting method
Masonry anchors
Thunderbolt Pro
CSK 12 X 150MM GAL

Ordering codes
FPBGR25 - right hand opening 2500mm/8’2” arm.

FPBGL25 - left hand opening 2500mm/8’2” arm.

FPBGR30 - right hand opening 3000mm/9’10” arm.

FPBGL30 - left hand opening 3000mm/9’10” arm.