




## UK's market-leading, highways incursion control barrier



The UK's first solar hybrid, instant deployment, work zone protection vehicle barrier



## TRIED, TESTED, TRUSTED

*"Introducing **INSTABOOM** solar barriers across our contracts has significantly improved safety by removing a person with a static barrier and having **INSTABOOM** controlled by the machine operators, ensuring peoples' safety across our sites."*

Mike Omond, **Balfour Beatty**

**INSTABOOM** is a mobile, solar powered barrier designed for incursion control on worksites. It is easy and rapid to deploy with remote controlled operation. Its durable design increases the safety of any site by controlling access. The 4m sectional boom is deployed in minutes to secure a road.

Manufactured to the highest barrier and gate safety standards **INSTABOOM** is fully HSE compliant and UKCA marked. For use on all highway, rail and construction projects **INSTABOOM** comes with remote telematics and UK wide managed service as standard when hired. (optional when purchased).

**INSTANT CLOSURES** – deployed by one person

**SIMPLE** – 800m radio fob and quick collapse boom

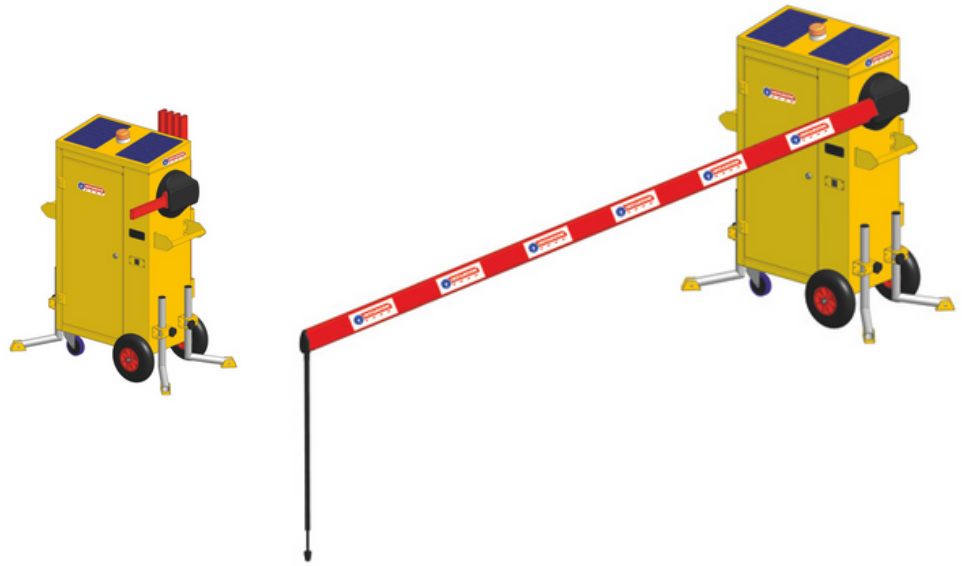
**TELEMATICS** – online monitoring, status and instant alerts

**COMPATIBLE** – with GS6 over height strike protection kit

**SOLAR HYBRID** – provides up to 20 days of run time between charging

To find out more call **+44 (0) 1622 534000** or visit **[www.instaboom.uk](http://www.instaboom.uk)**





## Technical Information

<b>Description</b>	Fully mobile solar/hybrid remote operated vehicle access control barrier
<b>Daily Cycles</b>	Up to 150 operations/day on battery for 3 weeks standby operation max 3500 cycles/day
<b>Power requirements</b>	None. Fully off grid, no power required
<b>Max Span</b>	Adjustable to 4m
<b>Standard Boom</b>	RA1 reflective RED/WHITE sectional boom in 5 pieces
<b>Boom Options</b>	Optional light kit accessory
<b>Weight</b>	150kg
<b>Base detail</b>	Heavy duty wheels and castors with support legs for increased stability
<b>Power</b>	20w solar PV for top up charge. On-board battery store for 3 week standby, 110v mains recharge
<b>Locking</b>	Direct drive locked gearbox
<b>Access Control</b>	800m remote control
<b>Safety</b>	Non-contact safety beam and contact force test to British Standards
<b>Standards</b>	BS EN 13241:2003+A2: 2016 / BS EN 12453:2017+A1:2021 DHF TS 011:2019 CE/UKCA Declaration of Conformity

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for a quote

### OPTIONAL ACCESSORIES:



**Telematics and instant alerts:** tracker module licence – per annum



**Light Kit**  
High visibility Red/Green light accessory kit to protect your worksite from unauthorised access



**GS6 over-height protection:**  
Solar hybrid portable laser detection unit that identifies any over height vehicle up to 3m away, from the barrier triggering **INSTABOOM** to close in front of the vehicle and securing the lane from overhead strikes.

All hire products include a managed service, proactive battery monitoring, functional operation and site repair/replacement. Excludes accidental, malicious, weather damage or physical battery exchange.

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SOSEC® and INSTABOOM® are manufactured by Solar Gates UK Ltd, leaders in solar security gates & barriers. UK Patent GB1909281.6 and GB1911160.8. Registered trademark UK00003159633 and UK00003346689