

PRODUCT INFO

UGATE SMART is an intelligent Gate Barrier solution, efficient and seamless access control is paramount for both private and commercial properties. Intelligent gate barriers, can be connected with Automated Number Plate Recognition (ANPR), Parking management solution and advanced access control devices, are transforming the way we manage vehicle entry and exit. These gate barriers not only enhance security but also streamline operations by automating the entry process.

Moreover, these intelligent gate barriers are designed to operate in various modes to suit different requirements. They can function as standalone units, ensuring uninterrupted operation even if network connectivity is lost.

Alternatively, they can be integrated into a cloud-based solution, offering centralized management, remote monitoring, and real-time data access across multiple sites.

This cloud integration facilitates scalability, making it easier to manage access across a large number of barriers and locations from a single platform.

Intelligent gate barriers with expandable integration capabilities are not just a luxury but a necessity for modern access management. They offer robust security, convenience, and flexibility, whether operating independently or as part of a broader, cloud-based access control system.



CONTACT US

✉ info@unifiaccess.com

🖱 www.unifiaccess.com

📍 3083 Abu Asim Al-Shaibani, 8109, Al Misfat Riyadh 14546, Saudi Arabia

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Remote control

Smart CPU

SPECIFICATIONS

Technical Specifications

Product Name	UGate Smart
Dimension	352mm x 1040mm x 352mm (W x H x D)
Weight	Approx. 41kg without arm
Operation Voltage	220V AC $\pm 10\%$, 50-60 Hz
Power Consumption	145W during moving arm
Operation Temperature	-30 °C to + 65 °C (Humidity 90% non condensing)
Protection	IP54
Standard Color	High quality aluminum anodized finish corrosion resistance Ventilation Dusty Gray RAL 7037
Loop Detector	Integrated 2 channel detector for induction loops
Smart Option	Internal smart CPU for cloud connectivity supporting dual ethernet interface, WIFI, GSM 5G, Bluetooth 5.3, RS485, RS232, 2x USB 2.0, USB 3.0
Drive technology	DC 24V, Brushless servo motor, opening/closing time 0.8 - 1.4 Sec
Boom Length	Max Boom Length from 3-6 M, Articulated boom optional upto 2.9 x 2 M
Contour Stripes	Dynamic RGB

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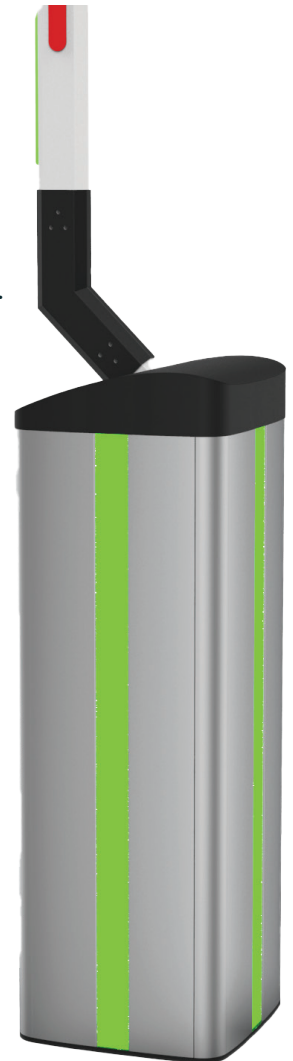
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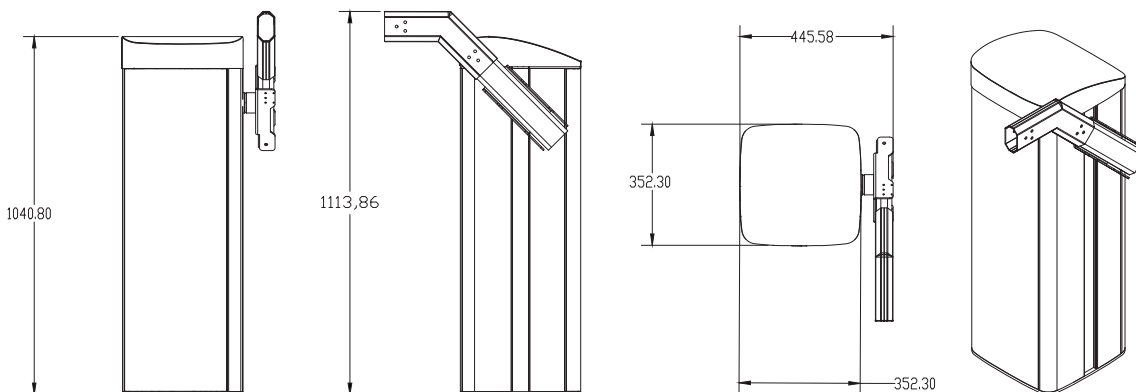
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FEATURES

- Ergonomic design.
- High-impact resistant Anodized Extruded Aluminum with thermoplastics top cap.
- Self-locking drive prevents the barrier arm from being moved by external forces.
- Manual lift arm handle.
- Breakage detection sensor, the system instantly locks the moving arm upon detecting any collision or failure.
- Breakaway system designed to give way upon impact to enhance safety & reduce damage.
- Integrated 2 channel detector for induction loops.
- Opening speed 0.8 - 1.4 second 3m arm upto 5 secods 6m arm.
- 2 remote controls 443 Mhz included.
- Barrier arms made from Aluminum or Fiberglass integrated with fully RGB Light.
- Built-in contour stripes dynamic RGB.
- Optional: Photocells that can be integrated directly into the cabinet.
- Optional: Available left-hand and right-hand traffic.
- Optional: Modular expansion programable industrial micro control board (Digital input 4, Relay output 4).
- Optional: Internal smart CPU for cloud connectivity, dual Ethernet interface, WIFI, GSM
- Optional: Articulated boom arm.
- Optional: Custom color.
- Optional: UPS battery Backup.
- 3-year warranty.
- 10 million cycles MTBM.



DIMENSIONS



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