



A BRAND OF AETS AUTOMATION

CORPORATE & PRODUCT CATALOGUE

2026



SMART ACCESS. STRONG ENGINEERING.

Automatic barriers | Smart parking | Gate automation | Safety accessories

WWW.AGMATIC.AE

ENGINEERED FOR CONNECTED ACCESS

AGMATIC is a brand of AETS Automation, operated by AETS Automatic Parking Systems Manufacturing F.Z.E in the United Arab Emirates. Our portfolio brings vehicle barrier technology, automated gate operators, ANPR, parking-management systems and safety accessories together under one recognizable brand.

ONE BRAND. MULTIPLE ACCESS SOLUTIONS.

From a single controlled vehicle lane to a multi-entry parking facility, AGMATIC products are selected to suit the project layout, traffic requirements, control architecture and specified safety interfaces.

OUR PRODUCT PHILOSOPHY

01 ENGINEERED CHOICE

Distinct product classes for compact lanes, long-reach entrances, sliding gates and swing gates.

02 CONNECTED SYSTEMS

Interfaces for ANPR, parking management, RFID/UHF, remote control, loops and project-defined logic.

03 SAFETY BY DESIGN

Options for photocells, radar, visibility, automatic reverse and manual access during interruptions.

04 PROJECT-LED DELIVERY

Equipment selection and approved functions are matched to the application, drawings and commissioning requirements.

LEGAL ENTITY

AETS AUTOMATIC PARKING SYSTEMS MANUFACTURING F.Z.E

Ajman Free Zone, United Arab Emirates

EXPLORE THE AGMATIC PORTFOLIO

A concise guide to our product families, application areas and technical highlights. Detailed datasheets and project-specific configurations are available upon request.

01

AUTOMATIC BARRIERS

DC PRO36 / DC PRIME30 / LITE30
DC ULTRA 80 / SOLARIS 80 / WALLPRO 30

[START 05](#)**02**

ANPR & PARKING MANAGEMENT

AG-PMS platform / V87 Smart ANPR

[START 12](#)**03**

GATE & GARAGE AUTOMATION

BX Series / BX600 / RAM2500
Swing Pro 230 / Swing Pro 300
Swing Pro A300 / Proline G

[START 16](#)**04**

SAFETY & VISIBILITY ACCESSORIES

SAFEBEAM 180 / SAFEWAVE 60
LUMIBOOM LED series

[START 24](#)

Technical values and supplied accessories are model- and project-configuration dependent.

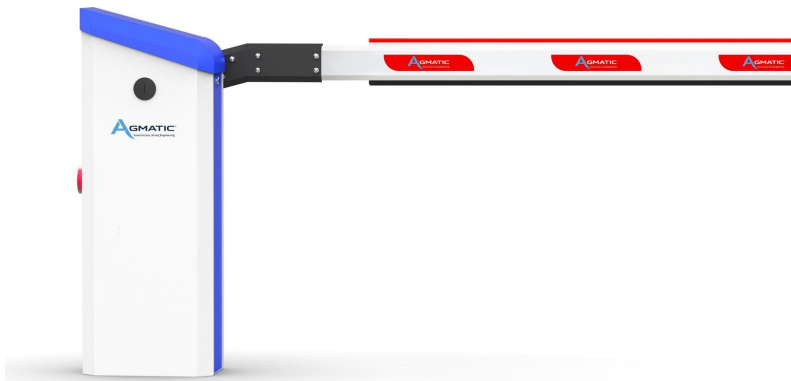


COLLECTION 01

AUTOMATIC BARRIERS

Controlled lanes. Multiple duty classes.

From high-speed servo models and compact BLDC units to long-reach, solar and platforms.



DC PRO36

AG-DC PRO36

HIGH-PERFORMANCE SERVO AUTOMATIC BARRIER

Rapid, stable lane access with a 24 V brushless servo drive, encoder control, adjustable travel and flexible boom configurations.



3-6 m

BOOM RANGE

0.9-6 s

CONFIGURATION-DEPENDENT

24 V DC

150 W SERVO

ENGINEERING HIGHLIGHTS

PRECISE MOVEMENT

Integrated drive, gearbox and frame architecture minimizes vibration.

ADAPTABLE BOOM CHOICES

Straight, telescopic, folding, fence and LED arrangements.

CONNECTED LANE CONTROL

Supports loop, photocell, radar, ANPR and dry-contact access inputs.

TECHNICAL REFERENCE

POWER SUPPLY	220 V AC +/-10%, 50 Hz	CONTROL	Open / close / stop
MOTOR	24 V brushless servo, 150 W	SAFETY	Obstacle detection / auto-reverse
OPERATION	0.9-6 seconds, by boom	POWER BACKUP	Battery-ready input
NOMINAL CABINET	380 x 280 x 1048 mm	BOOM OPTIONS	Straight, folding, fence, LED

NOTE Ingress-protection claims and conformity documents should be checked against the exact supplied model and current test reports.

DC PRIME30

AG-PRIME30

DIGITAL BRUSHLESS AUTOMATIC VEHICLE BARRIER

A digitally controlled BLDC barrier engineered for smooth operation at residential, commercial and controlled-access lanes.



Up to 6 m

STRAIGHT / TELESCOPIC

2.5-6 s

ADJUSTABLE OPERATION

100 W

BLDC MOTOR

ENGINEERING HIGHLIGHTS

SMOOTH DIGITAL CONTROL

Integrated reducer and transmission support consistent movement.

PROJECT FLEXIBILITY

Left-fixed or right-fixed layout; multiple arm formats.

SAFETY CONNECTIONS

Ready for approved photocells, loops, radar and access-control devices.

TECHNICAL REFERENCE

SUPPLY	220 V AC +/-10%, 50 Hz	CABINET	1000 x 340 x 220 mm
MOTOR	100 W brushless DC	TEMPERATURE	-35 C to +70 C
BOOM RANGE	Up to 6 m	CONTROL INPUT	Switch-contact
OPERATION	2.5-6 seconds	BOOM TYPES	Straight / telescopic / fence

LITE30

AG-LITE30

COMPACT SPRINGLESS BLDC BARRIER

Slim, self-locking architecture designed for villas, offices and other light-to-moderate vehicle access points.



Up to 4 m

STRAIGHT BOOM

3-8 s

CONFIGURABLE TRAVEL

120 W

BRUSHLESS DC

ENGINEERING HIGHLIGHTS

SPACE-EFFICIENT

160 mm-wide cabinet with compact mechanical design.

SPRINGLESS ENGINEERING

1:150 reduction drive with a self-locking configuration.

VISUAL & DIGITAL CONTROL

RS485 support and red/green boom indication.

TECHNICAL REFERENCE

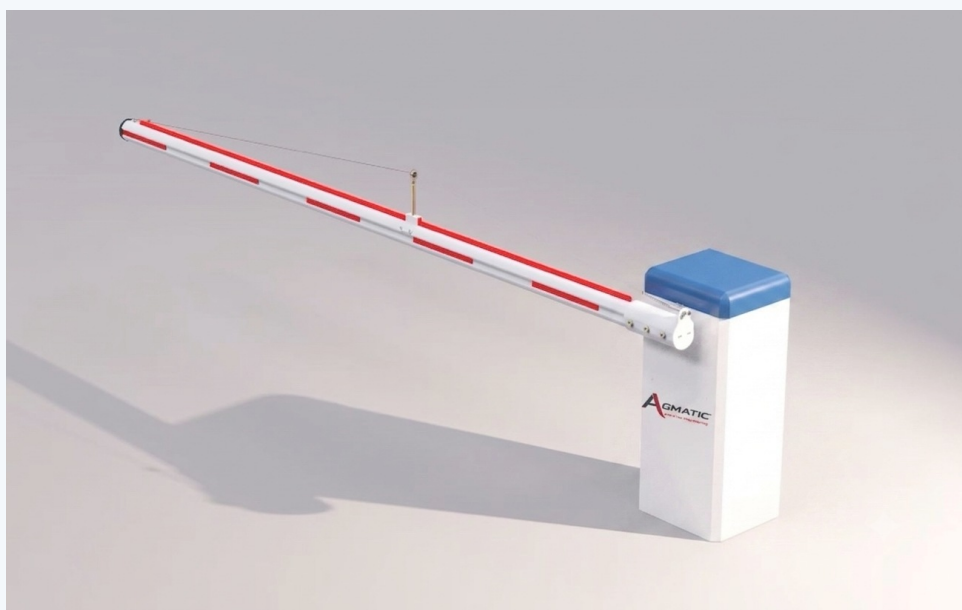
WORKING VOLTAGE	24 V DC	RECOMMENDED DUTY	Approx. 100-200 cycles/day
MOTOR	120 W BLDC	OPERATING TIME	3-8 seconds
OUTPUT TORQUE	85 N.m	INTERFACE	RS485
CABINET	950 x 160 x 146 mm	STANDARD BOOM	Straight, up to 4 m

DC ULTRA 80

AGMATIC DC ULTRA 80

LONG-REACH BARRIER FOR WIDE ENTRANCES

Designed to control broad access lanes with a 24 V BLDC motor, adjustable motion and integrated red/green boom visibility.



6 / 8 m

BOOM LENGTHS

6-8 s

ADJUSTABLE OPENING

24 V DC

BRUSHLESS DRIVE

ENGINEERING HIGHLIGHTS

WIDE-LANE COVERAGE

Long-reach boom configurations for large vehicle entrances.

TRAFFIC VISIBILITY

Integrated dual-colour LED strip and reflective markers.

CONTINUITY FEATURES

Manual release and electrical protection functions.

TECHNICAL REFERENCE

SUPPLY	220-240 V AC, 50/60 Hz	OPERATING TIME	6-8 seconds
WORKING VOLTAGE	24 V DC	DUTY RATING	100% continuous, declared
MOTOR	BLDC	OPERATING RANGE	-45 C to +65 C, stated
BOOM OPTIONS	6 m or 8 m	CONNECTIVITY	Push button / remote / access

SOLARIS 80

AG-SOLAR80

SOLAR-POWERED AUTOMATIC BARRIER

An integrated off-grid vehicle barrier combining photovoltaic generation, lithium storage and a 4-metre BLDC boom system.



80 W

SOLAR ARRAY

20 Ah

LITHIUM STORAGE

4 m

STANDARD BOOM

ENGINEERING HIGHLIGHTS

LOWER INFRASTRUCTURE

Useful where mains power or trenching is impractical.

ENERGY MANAGEMENT

Dedicated charging controller and adjustable panel orientation.

INTEGRATION-READY

RS485 interface with optional access and safety accessories.

TECHNICAL REFERENCE

PANELS	2 x 40 W monocrystalline	OPENING	1.5-6 seconds
ENERGY STORAGE	20 Ah lithium battery	PROTECTION	IP54, as specified
SYSTEM VOLTAGE	24 V DC	DIMENSIONS	335 x 367 x 1715 mm
STANDARD MOTOR	160 W BLDC	OPERATING RANGE	-35 C to +65 C

NOTE Battery-cycle and standby estimates are indicative and depend on sunlight, traffic duty, accessories, temperature and battery condition.

WALLPRO 30

AG-WP30

COMPACT WALL-MOUNTED PARKING BARRIER

A compact springless boom solution for garages, columns, side walls and parking locations where floor-standing cabinets are impractical.



3 m

MAXIMUM BOOM

2.8 s

ADJUSTABLE TRAVEL

24 V

DEVICE VOLTAGE

ENGINEERING HIGHLIGHTS

FLEXIBLE MOUNTING

Wall, suspended bracket or dedicated mounting post.

SELF-LOCKING DESIGN

Springless drive resists unauthorized manual raising.

CONNECTED APPLICATIONS

RS485 support for compatible parking and EV systems.

TECHNICAL REFERENCE

INPUT SUPPLY	220 V AC	MOUNTING	Wall / suspended / post
MOTOR RATED POWER	120 W	CONTROL	RS485
CABINET	330 x 242 x 150 mm	INDICATOR	12 V red / green
BOOM	38 mm foam, up to 3 m	FIXING PATTERN	257 x 150 mm



COLLECTION 02

SMART PARKING & ANPR

Identity. Access. Operational insight.

Connected number-plate recognition and parking rules for residential, commercial and managed parking facilities.



AG-PMS

CONNECTED PARKING MANAGEMENT SYSTEM

An integrated platform connecting vehicle identification, barrier control, configurable parking rules, charging, movement records and operational reports.



ANPR / LPR

Vehicle identity

ACCESS LOGIC

Permissions & rules

PARKING BILLING

Configurable tariffs

SYSTEM CAPABILITIES

ACCESS

Temporary, monthly, VIP and group vehicles

CHARGING

Configurable tariff and payment-exit rules

OPERATION

Channel monitoring, exceptions, occupancy

REPORTS

Entry/exit, transaction and audit records

FROM ARRIVAL TO AUTHORISED EXIT

AG-PMS connects identification, permissions, the physical lane and accountable parking records in a configurable system tailored to site rules.

01**DETECT**

Vehicle approaches; camera or detector captures a plate or credential.

02**VALIDATE**

Configured rules check access, account type, time window or tariff.

03**OPEN**

A valid authorization triggers the barrier and optional driver interface.

04**ACCOUNT**

The platform updates occupancy, stay time and configured charges.

05**EXIT**

The approved exit event closes the parking record and archives movement.

BROWSER OPERATOR + AG-PMS SERVER + ID DEVICE + LANE EQUIPMENT

V87 SMART ANPR

LD-V87-D

AUTOMATIC NUMBER PLATE RECOGNITION CAMERA

A lane-ready camera with on-board licence-plate recognition, video or loop triggering, integrated illumination and barrier-control interfaces.



1080p

MAXIMUM VIDEO

IP65

OUTDOOR HOUSING

2 x RS485

SERIAL INTERFACES

ENGINEERING HIGHLIGHTS

ON-CAMERA RECOGNITION

Dedicated plate-recognition processing for automated lanes.

FLEXIBLE CAPTURE

Video trigger or induction-loop trigger according to site needs.

BARRIER-READY INTERFACES

Two digital inputs, two outputs and Ethernet connectivity.

TECHNICAL REFERENCE

IMAGE SENSOR	1/3-inch CMOS	DIGITAL I/O	2 inputs / 2 outputs
LENS	6 mm fixed-focus	STORAGE	MicroSD up to 32 GB
ILLUMINATION	Four high-power white LEDs	POWER	220 V AC, ≤7.5 W
RECOGNITION	≥98% stated; site-dependent	DIMENSIONS	452 x 148 x 120 mm

NOTE Validate UAE plate categories, camera geometry, lighting and actual site recognition performance during commissioning.



COLLECTION 03

GATE & GARAGE AUTOMATION

Engineered motion for every entrance.

Sliding, swing and sectional garage-door drives selected to suit gate geometry, material and access duty.



BX SERIES

AG-BX500 / AG-BX800 / AG-BX1000

24 V BRUSHLESS SLIDING-GATE OPERATORS

One compact BLDC platform with three gate-capacity options for residential compounds and commercial entrances.



500-1000 kg

GATE MASS CLASSES

24 V DC

BRUSHLESS DRIVE

<6 W

STANDBY CONSUMPTION

ENGINEERING HIGHLIGHTS

THREE CAPACITIES

BX500: 500 kg; BX800: 800 kg;
BX1000: 1,000 kg.

SMART DRIVE CONTROL

Adjustable movement and
resistance-rebound logic.

SECURE ACCESS

Key-operated manual release, optional
sensor and light interfaces.

TECHNICAL REFERENCE

DRIVE TYPE	24 V brushless DC	PINION	Module 4 / 17 teeth
MOTOR POWER	80 W	HOUSING	Cast aluminium / ABS cover
POWER-SUPPLY RATING	240 W	TEMPERATURE	-30 C to +60 C
OUTPUT SPEED	54 rpm	REMOTE FREQUENCY	430 MHz

BX600

AG-BX600

24 V DC SLIDING-GATE OPERATOR

A compact electromechanical operator for residential and light-commercial sliding gates requiring dependable daily control.



600 kg

MAXIMUM GATE MASS

10 m/min

NOMINAL SPEED

IP44

ENCLOSURE RATING

ENGINEERING HIGHLIGHTS

COMPACT INSTALLATION

324 x 205 x 285 mm envelope.

PRACTICAL EMERGENCY ACCESS

Key-operated manual release.

PROJECT INTEGRATION

Control interfaces and safety functions depend on the selected controller.

TECHNICAL REFERENCE

INPUT POWER	230 V AC	RUNNING SPEED	10 m/min
MOTOR VOLTAGE	24 V DC	DUTY	Intensive, declared
RATED MOTOR POWER	100 W	NOISE	<=56 dB, declared
OUTPUT TORQUE	12 N.m	MAXIMUM GATE MASS	Up to 600 kg

RAM2500

AG-RAM2500

HEAVY-DUTY AC SLIDING-GATE OPERATOR

A high-torque electromechanical drive for substantial commercial, industrial and warehouse sliding gates.



2500 kg

MAXIMUM GATE MASS

45 N.m

OUTPUT TORQUE

12 m/min

NOMINAL SPEED

ENGINEERING HIGHLIGHTS

HEAVY-GATE DRIVE

230 V AC motor with 1,200 W rated power.

MANUAL OVERRIDE

Key-operated release for power interruption or service.

DUTY-FOCUSED SPECIFICATION

Designed for frequent access with properly maintained gates.

TECHNICAL REFERENCE

SUPPLY	230 V AC	INGRESS PROTECTION	IP44
RATED POWER	1,200 W	OPERATING RANGE	-45 C to +65 C, stated
OUTPUT TORQUE	45 N.m	DIMENSIONS	305 x 270 x 155 mm
MOTOR ROTATION	1,400 rpm	PACKING WEIGHT	Approx. 16.5 kg

SWING PRO 230

AG-SP230

COMPACT SIDE-MOUNTED ARTICULATED GATE OPERATOR

A small 24 V BLDC drive with an articulated arm for lighter gates, pedestrian access and retrofit installations.



24 V

BLDC MOTOR

80 N.m

OUTPUT TORQUE

230 kg

CURVE-DEPENDENT LIMIT

ENGINEERING HIGHLIGHTS

SPACE-CONSCIOUS MOUNTING

Compact body and side-mounted articulated arm.

DUAL-LEAF OPTIONS

Linked double-gate operation on compatible controllers.

CONNECTED CONTROL

BLE and 430 MHz remote support, configuration-dependent.

TECHNICAL REFERENCE

RATED MOTOR POWER	60 W	ARM MATERIAL	#45 steel
REDUCTION	1:200, five-stage	TEMPERATURE	-35 C to +85 C
OUTPUT TORQUE	80 N.m	INSTALLATION	Side-mounted
BODY	350 x 82 x 132 mm	GATE SELECTION	Use weight-width load curve

NOTE No enclosure IP rating is claimed in the supplied datasheet; weather protection must be confirmed for outdoor projects.

SWING PRO 300

AG-SP300

24 V DC LINEAR SWING-GATE OPERATOR

A slim electromechanical linear actuator for single- or dual-leaf villa and commercial swing gates.



3 m

MAXIMUM LEAF LENGTH

300 kg

MAXIMUM / LEAF

IP54

PROTECTION

ENGINEERING HIGHLIGHTS

ARCHITECTURAL FIT

Slim-line housing for discreet gate automation.

LOW-VOLTAGE MOTOR

24 V DC drive suited to approved intensive-use controls.

EMERGENCY CONTROL

Integrated key-operated manual release.

TECHNICAL REFERENCE

INPUT	220-240 V AC, 50/60 Hz	MAXIMUM LEAF MASS	300 kg, dependent on width
MOTOR VOLTAGE	24 V DC	PROTECTION	IP54
GATE CONFIGURATION	Single / double leaf	TEMPERATURE	-30 C to +65 C
MAXIMUM LEAF LENGTH	3.0 m	CONTROLLER FEATURES	Project-specific panel

SWING PRO A300

AG-SPA300

24 V BLDC ARTICULATED-ARM SWING OPERATOR

An articulated arm drive designed for controlled movement at villas, residential entrances and access-controlled dual gates.



24 V

BRUSHLESS DRIVE

90 N.m

OUTPUT TORQUE

300 kg

CURVE-DEPENDENT LIMIT

ENGINEERING HIGHLIGHTS

ARTICULATED GEOMETRY

Reinforced steel arm for flexible gate-post arrangements.

ADVANCED MOTION

Configurable opening speed and resistance rebound.

LINKED DUAL LEAVES

Controller-dependent coordination and signal options.

TECHNICAL REFERENCE

MOTOR POWER	80 W	HOUSING	Cast aluminium
DRIVE REDUCTION	1:290	TEMPERATURE	-35 C to +85 C
OUTPUT TORQUE	90 N.m	BLUETOOTH	BLE, configuration-dependent
ARM SIZE	350 mm	LEAF SELECTION	Use supplied weight-width curve

PROLINE G

AG-GDO600 / 800 / 1000 / 1200

SECTIONAL GARAGE DOOR OPERATOR SERIES

One overhead garage-door platform with four pulling-force classes, rolling-code radio and essential safety/control interfaces.



600-1200 N

PULLING FORCE

Up to 16 m²

MAXIMUM DOOR AREA

433.92 MHz

ROLLING-CODE RADIO

ENGINEERING HIGHLIGHTS

FOUR FORCE CLASSES

600 N / 800 N / 1000 N / 1200 N.

CONTROLLED MOVEMENT

Soft start/stop, electronic limits and obstacle-response logic.

PRACTICAL CONNECTIONS

Wall switch, photocell, battery connector and optional warning lamp.

TECHNICAL REFERENCE

SUPPLY	220-240 V AC, 50/60 Hz	RADIO FREQUENCY	433.92 MHz
MOTOR CLASS	600 / 800 / 1000 / 1200 N	REMOTE CAPACITY	20
INPUT POWER	200 / 235 / 245 / 260 W	OPERATING RANGE	-20 C to +40 C
MAXIMUM DOOR AREA	10 / 12 / 14 / 16 m ²	DOOR TYPE	Sectional overhead doors



COLLECTION 04

SAFETY & ACCESSORIES

See the lane. Detect presence.

Protective sensors and visual signaling products designed for integration with access-control equipment.



SAFEBEAM 180

AG-PC180

180-DEGREE ROTATING INFRARED SAFETY PHOTOCELL

A transmitter-receiver safety beam pair with wide optical alignment, suitable for automatic barriers and compatible gate controllers.



180 deg

ROTATING LENS

15 / 30 m

DETECTION OPTIONS

IP55

HOUSING

ENGINEERING HIGHLIGHTS

EASY ALIGNMENT

Rotating optics improve placement flexibility.

FLEXIBLE INPUT

12-36 V AC/DC supply.

CONTROLLER COMPATIBILITY

Selectable NC/NO dry-contact output.

TECHNICAL REFERENCE

SUPPLY	12-36 V AC/DC	RELAY	NC / NO
SYSTEM	Infrared Tx / Rx pair	CONTACT RATING	2 A at 24 V DC
INFRARED WAVELENGTH	940 nm	HOUSING	105 x 45 x 40 mm each
DETECTION DISTANCE	15 m / 30 m	INGRESS PROTECTION	IP55

SAFEWAVE 60

AG-SR60

60 GHZ BOOM BARRIER SAFETY RADAR

A compact FMCW radar sensor providing configurable presence detection and a fast controller safety output.



60-64 GHz

FMCW SENSING

50 ms

STATED RESPONSE

IP67

PROTECTION

ENGINEERING HIGHLIGHTS

CONFIGURABLE DETECTION

Vehicle and boom-type profiles with background learning.

INSTALLER CONTROLS

Bluetooth BLE 5.0 configuration and upgrades.

COMPACT MOUNTING

Lightweight ABS enclosure and four-core cable.

TECHNICAL REFERENCE

FREQUENCY	60-64 GHz	CONSUMPTION	1 W
COVERAGE	Up to 4 x 6 m	PROTECTION	IP67
RECOMMENDED SUPPLY	12-24 V DC, regulated	DIMENSIONS	56 x 70 x 21 mm
OUTPUT	Solid-state COM / NO	TEMPERATURE	-40 C to +85 C

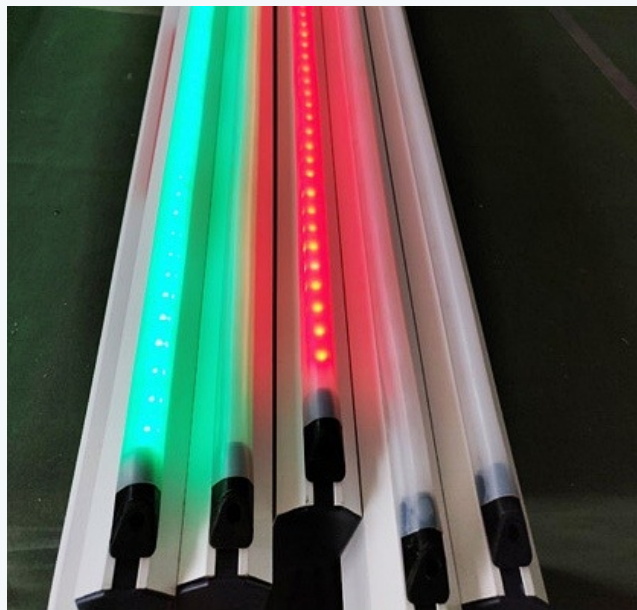
NOTE A supplementary safety device; final protective-system design must follow the site risk assessment.

LUMIBOOM SERIES

AG-LB40 / AG-LB60 / AG-LB80

DUAL-COLOUR LED BOOM-ARM VISIBILITY SYSTEM

Red/green illuminated barrier-arm profiles improve boom visibility and convey motion state when connected to a compatible controller.



4 / 6 / 8 m

MODEL LENGTHS

12 / 24 V

DC SUPPLY

IP65

LED ASSEMBLY

ENGINEERING HIGHLIGHTS

CLEAR LANE SIGNALLING

Red closed/closing; green open/opening.

OUTDOOR CONSTRUCTION

Polycarbonate cover on an aluminium base.

SYSTEM INTEGRATION

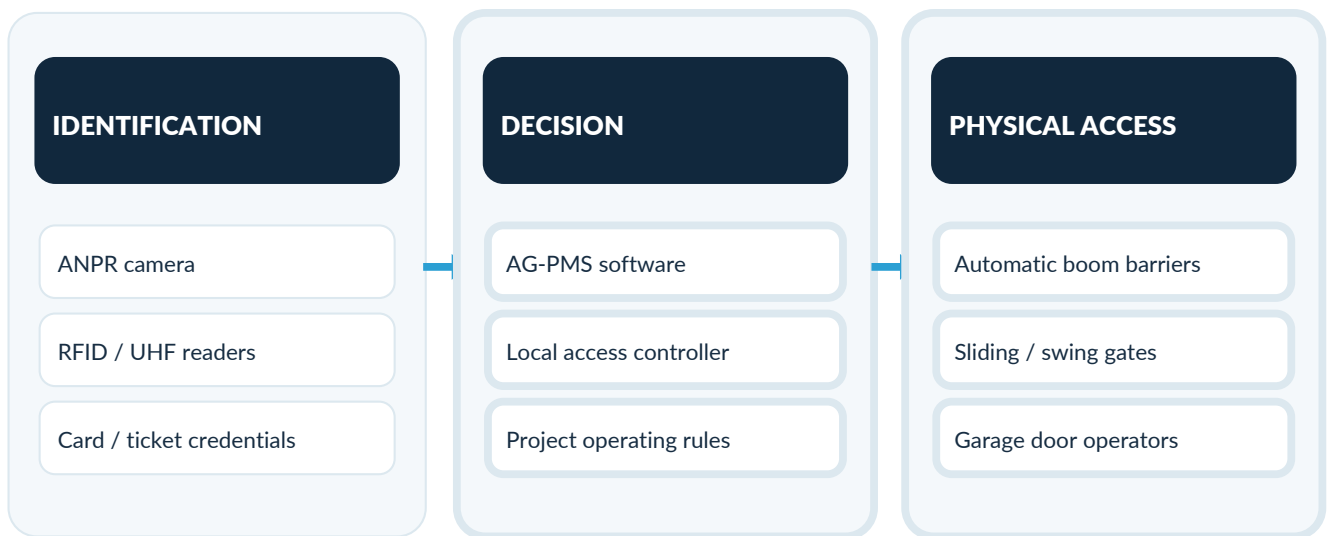
Designed for compatible AGMATIC DC and PRO barrier systems.

TECHNICAL REFERENCE

MODELS	LB40 / LB60 / LB80	AG-LB60 POWER	15 W +/-10%
LENGTHS	4 m / 6 m / 8 m	PROTECTION	IP65
SUPPLY	12 or 24 V DC	TEMPERATURE	-20 C to +60 C
LAMP LIFE	>50,000 h, stated	CONTROLLER INTERFACE	Correct voltage & status logic

ONE CONNECTED ACCESS ECOSYSTEM

AGMATIC components can be specified individually or configured into coordinated vehicle-access solutions. The final control matrix, device compatibility and safety design are determined at project engineering stage.



PROTECTIVE LAYER



PROJECT ENGINEERING MATTERS

Device selection, dry-contact logic, safety interlocks, power requirements, cabling, civil works and commissioning tests must match the approved site drawings and risk assessment.



LET US ENGINEER YOUR NEXT ACCESS SOLUTION.

Tell us about your site, lane width, traffic volume, control requirements and preferred interface. We can help identify the relevant AGMATIC product family and project-specific technical documents.

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ISO 9001:2015



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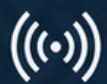
LVD



MD



RoHS



EMF

BIG 5 GLOBAL 2026 | 23-26 NOVEMBER | DUBAI

Exhibition edition - September 2026

Product availability, final specifications and interfaces subject to approved project configuration.