

AUTOZON[®]

ENTRANCE AUTOMATION



BOOM BARRIER & PARKING MANAGEMENT SYSTEM CATALOG

www.autozonind.com

Autozon[®] is one of the leading manufacturers of high quality Entrance Automation Products . Our Products are designed with engineering excellence in such a way to deliver an excellent & intellectual performance to the users. Our products are sophisticated and sturdy enough to withstand all kind of tough weather condition across the country. We highly focus on current and future automation technologies to enhance our new product development strategy to support the human race for a better and comfort life. We have all in-house facility for manufacturing the products with ensured delivery as per approved design. Our State-of-the-art R&D facility system help to deliver the best of bests products & Service.

Our Vision:

Our vision is to become 100% Make in India Company. Our innovative automation solutions with passion to enhance the quality of life. We will become the most aspirational Indian Entrance Automation Solution providing company making on-time, on-budget deliveries to our Customers.

Our Mission:

- We aim to create 100% Happy customer.
- We aim to be a leading solution provider for automation solution throughout India.
- We aim to be the partner of choice for our clients by offering them with updated technologies.
- We aim to provide prompt after Sales & Service
- We aim to sell the products with affordable rate which suits the customer budgets.
- We aim to maintain & deliver 100% quality products.
- Our strength lies in our workforce & we aim to nurture, train & mentor them.

Quality Policy:

Our purpose is to provide customer by providing automation solution through,

- Complete solution for the Entrance Automation.
- Delivering- High-Quality, Safe and efficient automation products.
- Focusing on continuous improvement.
- Committed to meet all regulatory requirements of customers.
- To meet interested party needs & expectation.
- We upgrade to meet and exceed all requirements and expectations of our customers.

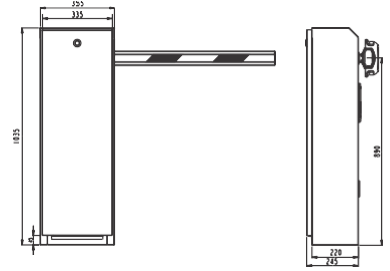
BOOM BARRIER - AZ BB 114

230 V AC



Product Description:

- o Boom Barrier is available up to 6 meters in arm length.
- o Extremely sensitive limit switch adapted to guarantee accurate motion of the arm.
- o Arm can be manually raised incase of power failure
- o Can be controlled by radio transmitter, card reader, push button and loop detector
- o Suitable for residential, shopping mall, industries, business centre, hotels, hospitals etc.,



Recommended Accessories

PUSH BUTTON AZ PB 16	PHOTO CELL AZ PC 10	Photocell Wireless AZ PCWL 11	IR Reflector Photocell AZ RFPC 41 7M
V HOLDER AZ BB VH	TRANSMITTER AZ BB TX 47	FLASH LAMP AZ FL 19	LOOP DETECTOR AZ LB 33

Optional Integration

FACE RECOGNITION	FINGER PRINT	RFID	QR CODE	PASSWORD	IOT	SAFETY DEVICES

Technical Specifications:

Maximum straight boom length	5 sec	4 m
	5 sec	6 m
Input Power	220 V - 240 V	
Frequency	60 Hz	
RPM	1500 r / min	
Motor power consumption	60 W	
Working temperature	-40°C ~ +60°C	
Housing dimension	355 * 245 * 1035 mm	
Weight not including barrier boom	39 Kg	
Protection Class	IP 54	

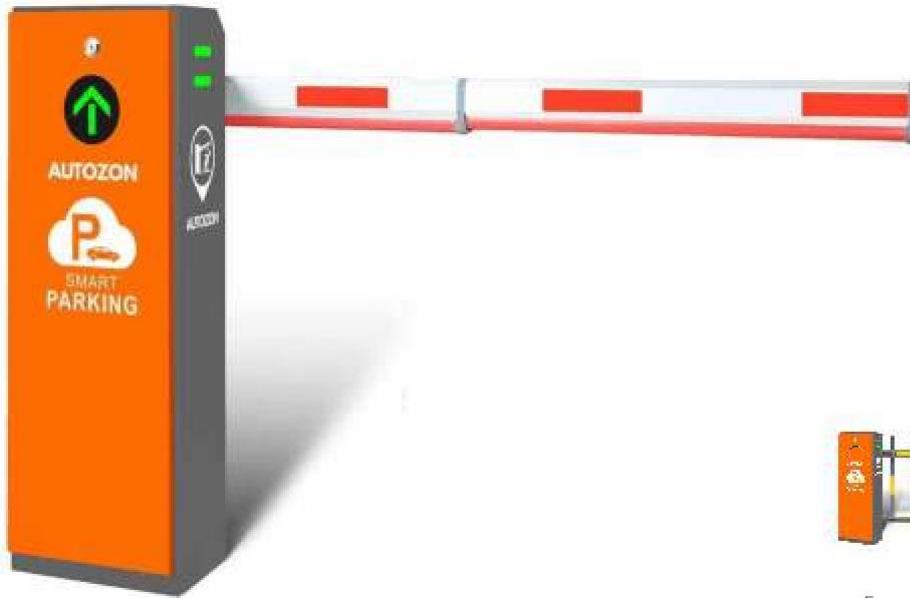
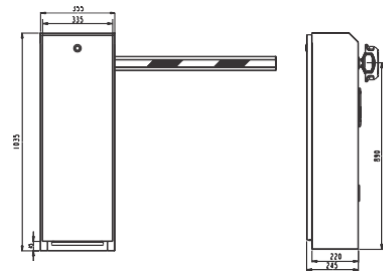
BOOM BARRIER - AZ BBL 115-01

24 V BL DC



Product Description:

- o Boom Barrier available up to 6 metres in arm length.
- o Brush less motor for high performance and silent operation.
- o Modern design with galvanized steel cabinet with powder coat finish.
- o Can be controlled by radio transmitter, card reader, push button and loop detector
- o Suitable for residential, shopping mall, industries, business centre, hotels, hospitals etc.,



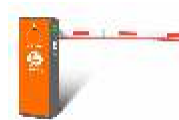
LED Boom
AZ BL 07



Folding Boom 90°
AZ BF 05



Fence Boom
AZ BF 03



Telescopic Boom
AZ BT 01



Armout Boom
AZ BA 04

Recommended Accessories



PUSH BUTTON
AZ PB 16



PHOTO CELL
AZ PC 10



Photocell Wireless
AZ PCWL 11



IR Reflector Photocell
AZ RFPC 41 7M



V HOLDER
AZ BB VH



TRANSMITTER
AZ BB TX 47



FLASH LAMP
AZ FL 19



LOOP DETECTOR
AZ LB 33

Optional Integration



FACE
RECOGNITION



FINGER
PRINT



RFID



QR CODE



PASSWORD



IOT



SAFETY
DEVICES

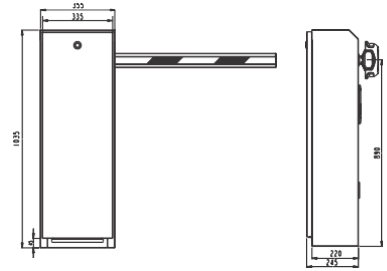
Technical Specifications:

Maximum straight boom length	3 sec	4 m
	5 sec	6 m
Input Power	220 V - 240 V	
	6 A	
RPM	1500 r / min	
Motor power consumption	DC 24 V 140 W	
Working temperature	-40°C ~ + 60°C	
Housing dimension	355 * 245 * 1035 mm	
Weight not including barrier boom	45 Kg	
Protection Class	IP 54	



Product Description:

- o This Boom Barrier are used in Toll plaza, Malls, Public parking area.
- o Opening and closing times of minimum 0.3 s to 1.2 s
- o Very low operating cost due to efficient and long-lived Brush less motor
- o Very user-friendly and optimum accessibility
- o Designed for 10 million opening and closing process
- o Suitable for Toll plazas, malls, public parking etc.,



Recommended Accessories

PUSH BUTTON AZ PB 16	PHOTO CELL AZ PC 10	Photocell Wireless AZ PCWL 11	IR Reflector Photocell AZ RFPC 41 7M
V HOLDER AZ BB VH	TRANSMITTER AZ BB TX 47	FLASH LAMP AZ FL 19	LOOP DETECTOR AZ LB 33

Optional Integration

FACE RECOGNITION	FINGER PRINT	RFID	QR CODE	PASSWORD	IOT	SAFETY DEVICES

Technical Specifications:

Maximum straight boom length	0.3 sec	3 m
	0.8 sec	3 m
	1.2 sec	3 m
Input Power	220 V - 240 V	
	6 A	
RPM	1500 r / min	
Motor power consumption	DC 24 V 140 W	
Working temperature	-40°C ~ + 60°C	
Housing dimension	355 * 245 * 1035 mm	
Weight not including barrier boom	45 Kg	
Protection Class	IP 54	



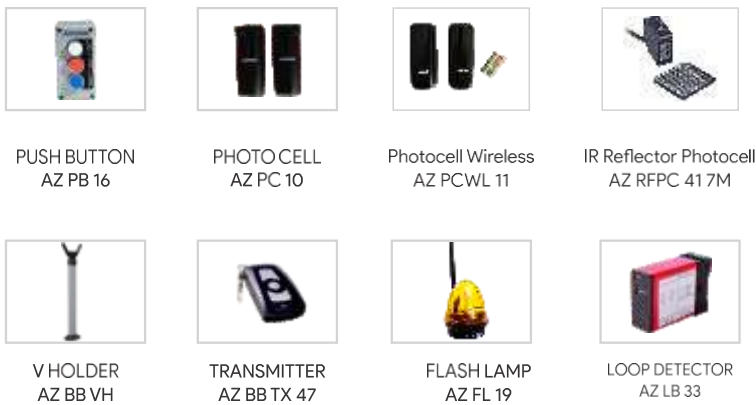
Product Description:

- o Boom plate turning while boom lifting, advertising function can be realized well
- o Mechanical Turning Structure can realize boom plate turning automatically with wind-proof function
- o At Night, advertising is more attractive
- o Can be controlled by radio transmitter, card reader, push button, vehicle induction loop detector
- o Extremely sensitive limit switch adopted to accurate motion of the arm

Applications



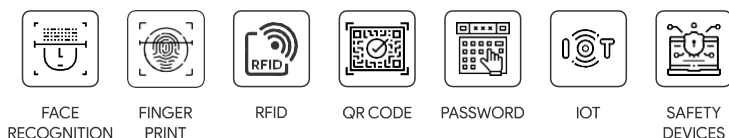
Recommended Accessories



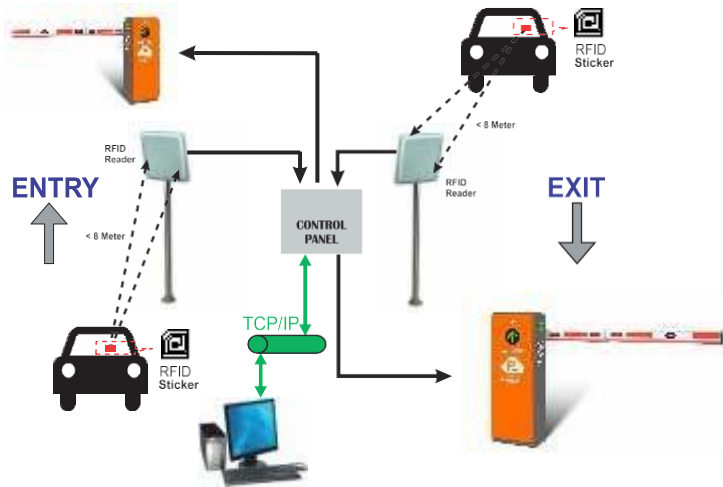
Technical Specifications:

Maximum straight boom length	6 sec	4 m
Boom Length	4 M	
Input Power	220 V - 240 V	
Motor Power Consumption	180W	
Frequency	50 Hz	
RPM	1500 r / min	
Housing Dimension	485 * 359 * 1188 mm	
Working Temperature	-40°C ~ + 60°C	
Protection Class	IP 54	

Optional Integration



RFID PARKING SYSTEM



Product Description:

- o Automatic Detection, Advance RFID Tags, advance access Control, Auto barrier control
- o Long distance RFID Parking System is based on latest 915 MHz High Freq Technology which senses approaching cars from 8 M distance & opens the Barrier Gate automatically.
- o User Friendly Software with IN OUT Report in Excel
- o The user friendly access control software gives IN-OUT report of CARS with photo
- o The 915 MHz RFID tags are fitted in the front glass of the CARS
- o Used in Residential Apartments, Housing Colony, Corporate Offices, Factories & Hospitals



Controller

Product Features :

- o SD card data backup
- o Multiple Hardware Protection
- o Supports different Wiegand readers
- o Input/Output ports to control doors
- o Stores 30000 user templates



UHF Reader

Product Features :

- o Read range up to 12 meters (adjustable)
- o Read Sensitivity : Line polarization read mode
- o Wiegand 34-bit (can change to 26-bit via software)
- o Two working mode : Trigger read & always read
- o Comes with the mounting plate
- o Weather (IP 66)
- o Maximum cable distance : 100 m
- o Multiple Label recognition

Controller Technical Specifications:

User Capacity	30,000 Cards
Transaction Capacity	100,000 transactions
Communication	RS485, TCP/IP
Data Backup	SD-card
Output	4 (2 x relay for lock & 2 x relay for Auxiliary)
Wiegand IN Ports	4
Wiegand [Card Reader]	4 (26-bit & 34-bit)
Access Control interfaces	3rd party electric lock, door sensor, exit button, door alarm
Access Control functions	Anti-passback, Duress, Interlock
Power Supply	9 - 14V DC 1A
Operating Temperature	0 °C - 55 °C
Operating Humidity	20% - 80%
Dimension	106 x 160 x 15 mm

UHF Reader Technical Specifications:

Reading Distance	Wiegand 34 (Default) / Wiegand 26, USB
Communication Interface	902 MHZ - 928 MHZ, 865 MHZ - 868 MHZ
Shell Material	Die-casting aluminium shell, Antenna panel with engineering plastics
Working Voltage	9 ~ 12 V DC
Working Temperature	-20 °C ~ + 60 °C
Interface Protocol	EPC global UHF Class 1 Gen 2 / ISO 18000 - 6C
Multiple tags identification	> 50
Multiple tags identification Speed	> 50 / sec
Working mode	Always read / trigger read
I/O Interface	Supports external trigger
Maximum power consumption	<3 W (RF output 26 dBm, multiple tags), <2W (RF output 26 dBm single tags)



AUTOZON® design and produce advanced systems for automatic management of all types of car parks offering end to end services.

As each project is unique design customized systems : entries, exits, traffic flow, guidance systems and access management for every parking project. Typically installed at shopping malls, airports, hospitals, office buildings, residential communities, etc

Parking Management includes:

- » Entry Ticket Dispenser with Automatic Boom Barrier
- » Decentralised payment collection system or payment at exit
- » Exit Ticket Reader with automatic Boom Barrier

Benefits of Parking Management System:

- » Enhanced Security
- » Controlled Pilferage
- » Reduced Operating cost
- » Quick ROI
- » Convenient for users
- » No conflicts of payments for number of hours parked



POS Machine



AUTOZON[®]

ENTRANCE AUTOMATION

Our Range of Products:



SLIDING GATE OPERATOR



SWING GATE OPERATOR



SLIDING DOOR OPERATOR



SWING DOOR OPERATOR



CURTAIN OPERATOR



BLINDS OPERATOR



BOOM BARRIER



GARAGE DOOR & OPERATOR



ROLLING SHUTTER & OPERATOR



HIGH SPEED DOOR & OPERATOR



SECTIONAL DOOR & OPERATOR



RETRACTABLE GATE



BOLLARD



DOCK LEVELLER



GATE HARDWARES



ACCESSORIES

Applications:



RESIDENTIAL



INSTITUTIONS



HOSPITALS



BUSINESS CENTERS



MALLS



INDUSTRIES



THEATERS



HOTELS



PUBLIC PARKING



SHOWROOMS

AUTOZON[®]



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AN ISO 9001-2015 CERTIFIED COMPANY

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