

**The President's Office**

Corporate Service Office

**Intelligent Vehicle Barrier Gate System requirements**

Technical Parameter

MODEL	MAG BR618T
Motor	MAG Bluespeed AC motor
Power supply input	220V ± 10% AC, 50/60Hz
Arm speed	1.8 second
IP rating	IP44
Cycle before failure	4 million cycle ( approximately 5.5 year )
Control panel	Function: <ul style="list-style-type: none"> <li>• Support 3 types of speed – 1.8, 3 , and 6 second</li> <li>• Support separate push button for opening , closing and stop</li> <li>• Support motor encoder sensor</li> <li>• Support traffic light (red – green) output AC230</li> <li>• Optical slot sensor to control up and down limit</li> </ul>
Barrier arm	Telescopic arm with Red reflective adhesive (no LED light) 4m
LOOP DETECTOR	BRD03 MAG TRAFFIC DETECTOR - DUALRAY AND LED DISPLAY <ul style="list-style-type: none"> <li>• Dual lens 3D detection</li> <li>• Detection Distance 1 – 6 meters, ±0.2 meters</li> <li>• Working Frequency 24-24.25GHz</li> </ul>
ANTI CLONE UHF LONG RANGE READER	AR300U XCLONE – MAG ANTI CLONE UHF LONG RANGE READER <ul style="list-style-type: none"> <li>• UHF reader</li> <li>• Frequency 919 - 923 Mhz SIRIM MCMC</li> <li>• Data output Wiegand 26 / 34</li> <li>• Reading range Up to 10 meters off air</li> <li>• Protection IP66, waterproof and weather proof for outdoor installation</li> </ul>
UHF Sticker	CDUT133L UHF (Anti clone) Sticker <ul style="list-style-type: none"> <li>• Operating Distance – 10m on air</li> <li>• Frequency 902-928 MHz</li> </ul>
RFID Access Reader	Wiegand RFID Reader

- Mandatory Manufacturer Authorized Certificate.
- Warranty 1 year for parts and service.

28<sup>th</sup> January 2024