



Cable Gates



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Operation Procedures

Upon receiving an "open" command, the Locking Latch inside the Master Post is instantly pulled down allowing the Main Cable to fall to the ground under the action of gravity. The Counterweight Bar on the outside of the Passive Post helps to pull the Main Cable out of the Master Post, and lay the cable flat on the ground so that authorised vehicles may enter through the Gate.

- When the Gate is open the Main Cable remains connected to the Master Post by the thinner Pull-in Cable. The Cable remains securely attached to the Passive Post at all times.
- The Gate will remain open for 25 seconds (or any other period that has been programmed, up to a maximum of 65 seconds). If a vehicle has not passed through within this time the Gate will automatically close to resecure the entry. To reopen the Gate, a new "open" command will be required by the Gate Controller.
- When a vehicle passes through the Gate, the Photoelectric Beam is broken. While the Photoelectric beam is broken the Gate is held open. Once the vehicle has cleared the Gate and the Photoelectric Beam is re-established, the Gate will close automatically.
- To close the Gate, the Motor drives a Winch Drum inside the Master Post that winds in the Pull-in Cable. The Pull-in Cable draws the Main Cable in through the Entry Mouth and locks it securely over the Latch inside the Master Post.
- If the Gate receives another "open" command, prior to closing after the passage of the first vehicle, the Gate will remain open to allow the second vehicle to enter before closing automatically.

Cable Gates Specifications

Mechanical Specs	
Master & Passive Posts	
Material	Posts: 250 x 150 x 5mm thick steel
Base Plate	350 x 350 x 12mm thick steel plate
Height	840mm
Weight	Master Post: 58kg
	Passive Post 38kg
Treatment	Heavy Zinc Plated & powder coated
Main Cable	Grade 304 Stainless Steel 7/19 Lay, 8mm Dia
Operating Specs	Opening Time: Approx. 0.5 secs Closing Time: Approx. 7 secs
Installation Specs	
Cable Span Range	4.0 - 8.0 meters
Operating Temperature	-10°C to + 50°C
Post Anchoring	4 x 20mm x 260mm Chemical Anchor Threaded Rods with nuts & washers per post
Electrical Specs	
Primary Power	2 x 7ah 12v Rechargeable SLA Batteries
Battery Charging System	Integrated into the Gate Control System
Plug Pack	24 v 1 amp AC plug Pack
Solar Panel Charging	20w to 160w depending on installation location & daily cycle rates



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