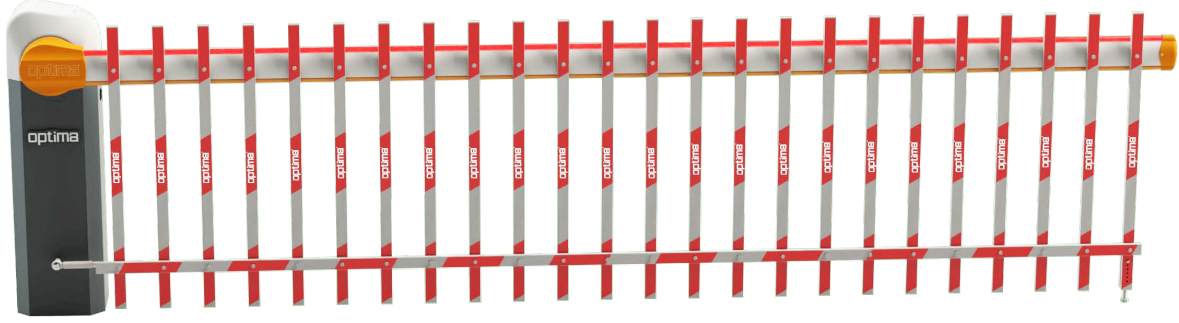


## CHALLENGER FENCE ARM BARRIER



### GENERAL DESCRIPTION

Optima Challenger barriers are designed to control the high flow of traffic and parking places. The ideal solution for heavy-duty service on the driveway ( residential parking control ) and intensive use ( public parking control ) even in peculiar and difficult climatic conditions

### SYSTEM SPECIFICATIONS

| MODELS                      | CHALLENGER FENCE ARM BARRIER                                                                   |
|-----------------------------|------------------------------------------------------------------------------------------------|
| Maximum Arm Length          | up to 4 meters                                                                                 |
| Opening Time                | 6 seconds                                                                                      |
| Wind Resistance             | 140 km/h                                                                                       |
| Cabinet                     | Galvanized Steel                                                                               |
| Arm Type & Material         | 120 mm ellipse & aluminum                                                                      |
| Power Supply (V-50/60 Hz)   | 220 V +/- %10                                                                                  |
| Cycle                       | 100% , continuous duty                                                                         |
| Automatic Time Delay        | Activated or deactivated if required, adjusted as 5sec and its multiples (35 sec. upper limit) |
| Protection Rating           | IP55                                                                                           |
| Electronics Control Cabinet | IP67                                                                                           |
| Power Failure               | Manual Operation                                                                               |
| Environmental Conditions    | -15 °C / +65 °C , %95 humidity                                                                 |

## SECURITY SYSTEMS | CHALLENGER FENCE ARM BARRIER

Arm is aluminum with a special elliptical like cross-section design

Low power consumption and silent running

Compatible with all access control systems

All control electronics manufactured by Optima

## ACCESSORIES

SCADA or any control system: It is possible to change and check the position of barrier with touch screen control panel \*

Optima Cloud: To control barrier by mobile devices (ios-android), computer, etc \*

Red/Green led light above the aluminum barrier arm \*

Push button box (Raise / Lower / Emergency Stop) \*

Red/Green traffic lights with steel pole \*

Radio antenna \*

Flashing light (flashes while the arm is in motion \*)

Wrong direction alarm \*

Safety photocell \*

High speed alarm \*

Stand and casing for safety photocell \*

Protection bar for barrier cabinet \*

Pneumatic edge sensor \*

Barrier skirt \*

Dual vehicle loop detector \*

Stop sign in the middle of barrier arm \*



(Accessories marked with (\*) are optional.)

## MAIN BODY MEASUREMENTS

