



Security Systems

BTK-SM ELECTROMECHANICAL ARM BARRIER WITH TYRE KILLER (SURFACE MOUNT) | **BTK-SM**

Electromechanical tire killer with arm barrier is one of the highest security vehicle access control systems in which a vehicle without permission cannot enter. Tires of the unpermitted vehicles explode immediately, therefore the vehicle moves only a few more meters and stops. The product stops vehicles coming from both directions. Teeth of tire killer move all together. The drive unit is placed to one end of the tire killer, it stands above the ground level. The arm barrier, which is connected to the drive unit, is another safety feature. It is a mechanism that allows the passage of vehicles by working together with tire killers.



SYSTEM FEATURES

MODEL	BTK-SM
Maximum Arm Length	BTK300-SM up to 4 meters BTK600-SM up to 6 meters
Opening Time	BTK300-SM = ~ 3 seconds BTK600-SM = ~ 6 seconds
Material	Galvanized Steel
Control Electronics	Optima Control Card
Integration	It can be easily connected to all kinds of card readers, biometric readers such as finger and face reading, frequency transmitting systems, etc.
Automatic Time Delay	Activated or deactivated if required, adjusted as 5sec and its multiples (35 sec. upper limit)
Protection Rating	IP55
Control Electronics Cabinet	IP67
Power Failure	Manual operation
Environmental Conditions and Power Requirements	-15 °C to +65 °C, 95% non-condensing humidity; 220 V +/- 10% , monophas, 50-60 Hz

- 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.



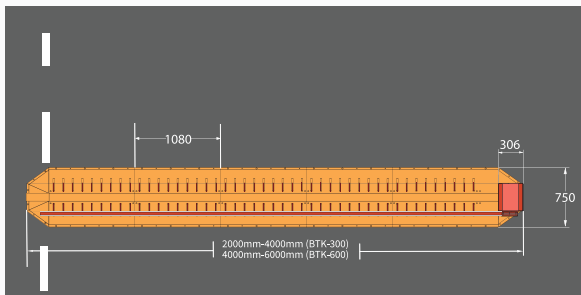
ACCESSORIES

Accessories marked with (*) are optional.

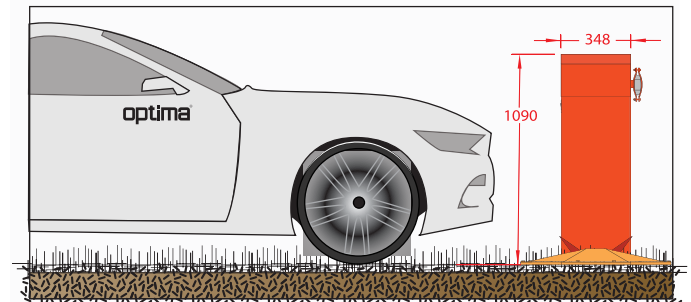
- SCADA or any control system: It is possible to change and check the position of barrier with touch screen control panel *
- Red/Green led light above the aluminum barrier arm *
- Red/green traffic lights with steel pole *
- Flashing light (flashes while the arm is in motion) *
- Safety photocell *
- Stand and casing for safety photocell *
- Pneumatic edge sensor *
- Dual vehicle safety loop detector *
- Push button box (Raise/Lower/Emergency Stop) *
- Optima Cloud. To control barrier by mobile devices (ios-android), computer, etc. *
- Radio receiver/transmitter *
- Radio antenna *
- Wrong direction alarm *
- High speed alarm *
- Protection bar for barrier cabinet *
- Barrier skirt *
- Stop sign in the middle of barrier arm *

BODY MEASUREMENTS

FRONT VIEW



TOP VIEW



Loc 1: Antelias, Seaside, SSS Bldg, beside AISHTI.
Loc 2: Bchamoun, Behind Louise Wegmann, SSS Bldg.

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