

AUTOMATIC HYDRAULIC BOLLARDS



IDT Automatic Bollards are made of strong steel, with durable and anti-collision characteristics. The body of the bollard has a reflective configuration, so as long as there are vehicles present, the bollard can be easily found to avoid unnecessary trouble. These automatic hydraulic bollards can be flexibly lifted, so it is your flexible solution and provide safety for pedestrians and vehicles.

FEATURES

- Traffic Lamp Red / Green / Yellow on a Post and a Warning Lamp with Siren 120 dB.
- Integration with Long Range RFID System for Vehicular Management and Access Control.
- Integration with Daily Operation Log Report Software for better handling.
- Optional Manual Operation Control Panel as required.
- Integration with ALPR & UVSS System for extra security feature.

TECHNICAL SPECIFICATION

Model	IDT B-01
Unit	Single
Drive Unit	Hydraulic
Power Supply Type	3 Phase 440 V AC & 50 Hz
Electric Motor Capacity	3.8 KW
Diameter of Bollard Tube	220 / 275 / 355 mm
Height of Bollard Tube	600 / 800 / 900 / 1200 mm
Material of Bollard Tube	High Strength Galvanized Steel
Rising Time	Up to 6 sec

Working Temperature	-20°C ~ +60°C
Lowering Time	Up to 5 sec
Manual Lowering	YES Available
Operating Panel	From both side of Bollard through Push Button with key switch control
Protection Class	IP 67
Duty Cycle	100%
Illumination	Red LED / Reflective Tape
Power Failure / Emergency Operation	1. By hand through hand-pump 2. By Genset
Total Weight	400 ~ 600 Kg
Total Load Capacity	60 KN
Vertical Load capacity	100 KN
Electric Controls, Inside Outdoor Enclosure	Steel or Galvanized Powder coated cabinet
Material of Construction	Carbon steel with powder coated finish or stainless steel in Grade 4 finish
Integration	Capable of Integration with the overall architecture of Surveillance & Access Control System

ORDER INFORMATION

Part No.	IDT.B.01
-----------------	----------

APPLICATION AREA



Residential



Health Care



Educational Institute



Government



Defense



Hotel



Airport



ID TECH SOLUTIONS PVT. LTD.

610, Udyog Vihar Phase-5, Gurgaon, Haryana - 122016, INDIA | T. : +91-124 - 4255530 (6 Lines)

E.: info@idsolutionsindia.com | W: www.idsolutionsindia.com

The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

©2025 ID Tech Solutions Pvt. Ltd. All Rights Reserved.

