



Advancing the science of anti-terrorism vehicle access control

Arrestor Model Anti-Terrorism Vehicle Barrier

Summary of Features

Feature	Explanation
K12 Rated	Certified by the U.S. Department of State to stop a 15,000-pound truck traveling at 50 mph (6,800-kg at 80 kmph). K4 version available (see <i>Shallow Excavation</i> below).
Aesthetic Finishes	Over 250 colors available. Digital finish option allows barrier to mimic any architectural material. Add graphics or logos.
Advanced Non-Metallic, Energy Absorbing Materials	Conventional heavy steel structures to stop vehicle are replaced with lightweight, ultra-strong bands inside a protective steel shell.
Foundation Survives Impact	The foundation survives a K12 impact intact, so the barrier can be replaced without excavating the roadway.
Upgradeable	Barrier finish and internal band configuration can be upgraded at any time, without excavating the roadway.
Flush with the Roadway	When the barrier is lowered to allow authorized vehicles to pass, it is flush with the road surface. There is no "speed bump" effect.
Shallow Excavation	Standard excavation depth is 24 inches (60 cm). A K4 rated model requiring only a 12 inch (30 cm) excavation is available.
Multi-Lane Designs	The lightweight design allows single barriers up to four traffic lanes wide.
Access Control Integration	Barrier can be integrated with access control systems, including RFID, card readers, and HSPD-12/FIPS 201 devices.
Corrosion Protection	All foundation and barrier components are hot dip galvanized.
Standard Components	Barrier uses off-the-shelf hydraulic and control components.
Low Maintenance	Besides hydraulic cylinders, barrier has only one moving part. Barrier requires only routine cleaning and periodic lubrication.
Power Failure Provisions	Manual hydraulic pump allows barrier to operate if site power fails.
Emergency Operation	Emergency button on control panel raises barrier in <2 seconds.
Four-Color Control Panel Graphics	Control panel graphics and a single joystick control makes barrier operation intuitive.
Cold Weather Package	Heat tracing and reservoir heater for areas with snow and ice accumulations.
Hazard Detection	Third party devices to inspect vehicles for explosives, radiation, or other dangerous contraband can be integrated.