

Delta Scientific's New HD200 Fast-Close Vehicle Access Control Barrier Gains Enormous Interest In Its First Month

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Delta Scientific, the leading manufacturer of counter-terrorist vehicle control systems used in the United States and internationally, announced that the threat of vehicles used as weapons has created unprecedented interest in its newest vehicle access control barrier, the HD200, which features a 0.63 second emergency fast operation (EFO). Also highlighting a very fast open/close cycle of 2-5 seconds, the HD200 was created for high traffic, densely-populated locations that need high speed open/close rates to get many vehicles in and out as well as very fast closing rates to protect the people.

"We announced the HD200 vehicle barricade, which touts the fastest standard operating speed in the market in mid-September and, already, we've had as much or more interest in this barrier than any we have previously introduced," emphasizes Greg Hamm, Delta Scientific Vice President, Sales and Marketing. "The phones have not rung this much since the days after 9-11. This only shows how security professionals have become very aware, since the tragedy in Nice, France, of how vehicles are now being used as weapons in terrorist attacks."

High Operating Speed

The fast operating HD200 barrier will bring to a full-stop a 7.5 ton (6803.9 kg) medium duty truck traveling 30 mph (48.3 kph) in less than 3.3 feet (1 meter). The truck rebound after impacting the barrier was an incredible 11.5 feet (3.5 m) in its crash test. This results in a crash rating of ASTM M30/P1.

With a 0.63 second EFO speed, the HD200 barrier will stop and destroy a vehicle moving at 30 mph (48.3 kph), equivalent to 44 feet (13.4 m) per second, if triggered within 50 feet (15.2 m) of the barrier. Especially in high traffic, high volume locations, the barrier is open much of the time, letting vehicles through. Therefore, when the location is heavily populated as well, the barrier must open and close frequently but, as importantly, close quickly.

Shallow Foundation

With a 24-inch (61 cm) shallow foundation and fully enclosed, flush mount design, the HD200 obviates the concerns of



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interference with buried pipes, power lines and fiber optic communication lines in urban applications. The shallow foundation also reduces installation complexity, time, materials and corresponding costs. The HD200 is perfect for high water table locations and areas with corrosive soils. It provides low maintenance as its totally enclosed face is easily removed for access.

Remote Control

Leveraging the latest technologies, the HD200's breakthrough EFO can be remotely controlled via fiber optics, touch screen control panels, NEMA rated control button panels and simple key switches. The HD200 barrier also features a full range of diagnostic indicators for early detection of any difficulties.

As with most other Delta barricades and barriers that are properly maintained, projected life expectancy of the HD200 is 20+ years.