

Delta Scientific Introduces New Universal Voltage DC Power Unit For Portable MP5000 Vehicle Barrier

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Delta Scientific, a manufacturer of counter-terrorist vehicle control systems used in the United States and internationally, introduced a new universal voltage DC power unit for its popular portable MP5000 vehicle barrier. As a result, the MP5000 can now be efficiently deployed in remote locations and areas that have limited power options but requires that same level of functionality that a hardwired pump-based portable unit provides in a city setting, including Emergency Fast and multiple control options.

Self-Contained IR Beams

"For instance, the barrier plate will rise as fast as two seconds, creating a sound portable solution for final denial applications in remote locations such as dams or other sites needing protection from terrorist vehicle attacks," reports Delta Vice President-Sales and Marketing Greg Hamm. "In addition, the control circuit in the new Hydraulic Power Unit (HPU) provides easy integration of various control options such as keypads, card readers, RFID, key fobs, wireless transmitters, and computer networks."

Along with the power unit upgrade, Delta also added a new safety option that builds upon that of traditional vehicle presence loop detectors. The new option provides self-contained IR beams into the portable barriers that will stop the barrier plate if a vehicle or pedestrian crosses the sensors.

Mobile Deployable Barrier

Delta's totally self-contained MP5000 mobile deployable vehicle crash barriers carry a K8 rating (M40 ASTM rating), stopping 7.5 ton (6400 Kg) vehicles traveling 40 mph (64 kph). They tow into position to control vehicle access within 15 minutes. No excavation or sub-surface preparation is required. Once positioned, the mobile barricades will unpack themselves by using hydraulics to raise and lower the barriers off their wheels. DC-powered pumps will then raise or lower the barriers. Once the event is over, procedures are reversed and the barriers are towed away.

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The MP5000s were recently used successfully in protecting attendees and spectators at the recent presidential inauguration of President Trump in Washington, DC. Delta

always keeps an inventory of the MP5000s for purchase and quick delivery at their manufacturing facility in Palmdale, California. In many cases, they are needed for events that come up quickly, such as politician or celebrity visits and other unexpected incidents.