

# Dragon Runner™ 20

## Small Unmanned Ground Vehicle

Small and lightweight, yet rugged and feature-packed, QinetiQ North America's innovative Dragon Runner™ 20 Small Unmanned Ground Vehicle (SUGV) is a highly specialized unmanned system uniquely suited to give users the ability to literally see around corners and into tight spaces. Modular and reconfigurable, the mission dictates exactly how Dragon Runner will be used – making it the perfect choice for a wide range of military applications, especially in congested urban settings.



*Dragon Runner 20 SUGV can be carried in a standard-issue pack, and can lift from 5 to 10 lbs with its manipulator arm.*

The Dragon Runner 20 SUGV provides a rugged, flexible solution to ordnance disposal, reconnaissance, inspection, and security in military and first responder applications. It provides an extra set of eyes and the dexterity to go where personnel can't, whether it's under a car at a security checkpoint, or deep inside a sewer or drainpipe.

Originally designed for the U.S. Marine Corps, the basic model of the Dragon Runner 20 SUGV weighs in at only 20 lbs, measuring just 12.2w x 16.6l x 6h inches. Though not much larger than a child's radio-controlled vehicle, this powerful robot packs an array of mission-ready capabilities.

Dragon Runner 20 SUGV can lift from 5 to 10 lbs with its manipulator arm, which has a rotating shoulder, wrist and grippers for dexterity. It can also expand its mission capabilities when fitted with tracks for enhanced mobility. Reconnaissance/surveillance options for the robot include day/night cameras, pan/tilt/zoom cameras, motion detectors and a microphone for listening capability. Dragon Runner 20 SUGV also has extended operating capabilities and can operate in a jammed environment.

Today's Dragon Runner offering includes a maintenance and support plan from the QinetiQ factory to worldwide users, permitting module level repair and sustainment.



*Even at just 20 lbs., Dragon Runner 20 SUGV packs a powerful set of capabilities.*

## Specifications

Specifications:

- 20 lbs
- 12.2w x 16.6l x 6h inches
- Lift capacity: 10 lbs (max)

Dragon Runner 20 SUGV provides support across a wide range of mission scenarios:

- Reconnaissance
  - Buildings
  - Sewers
  - Drainpipes
  - Access tunnels
  - Caves and courtyards
- Perimeter security using on-board motion and sound detectors
- Checkpoint security
- Under-vehicle inspection
- Inspection of bus, train or plane interiors
- Hostage barricade reconnaissance and negotiation
- Improvised explosive device detection and clearance
- Explosive ordnance disposal (EOD)

Available upgrades and modular attachments include:

- Wheels
- Tracks
- Extended tracks
- Multi-axis manipulator arms
- PTZ servo-cam
- Small Unit Sensor System (SUSS)

### FOR MORE INFORMATION

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