



Dragon Runner[®] 20

Small Unmanned Ground Robot

Small and lightweight, yet rugged and feature-packed, the Dragon Runner 20 (DR-20) is a highly specialized and mobile robot designed to provide safety and support to small dismounted operations for reconnaissance, security, inspection and IED missions.

Flexible for Mission Success

The mission dictates exactly how the DR-20 will be used—making it the perfect choice for defense and security applications especially, in congested urban settings.

Whether it's at a security checkpoint, deep inside a sewer or drainpipe or tasked with an EOD mission, the DR-20 supports a wide range of scenarios.

Feature Packed

Dragon Runner 20 is small enough to be hand-carried yet capable of lifting up to 10 pounds. The robot features a robotic arm with a rotating shoulder, wrist and grippers for impressive dexterity. Equipped with four cameras, the DR-20 is able to support day and night missions.

Key Features and Benefits

Rugged and reliable

Lightweight and reliable

Multi-mission

Provides situational awareness

Interrogation capable

Enhanced RF operating capabilities

Day and night cameras

Vehicle audio communication

Keeps the Military, law enforcement and first responders away from danger

Supports infantry counter-mine, EOD, IED and all facets of ground missions

Saves lives



Dragon Runner® 20 Specifications

Physical	
Length	35" (89 cm)
Width	16" (40 cm)
Height	21.3" (54 cm)
Weight	20-26 lbs. (9-11.8 kg)
Speed	Up to 3.8 mph (6 Km/h)
Lift Capacity	10 lbs. (4.5 kg) maximum
Endurance	3-4 hours (mission dependent)
Operating Range	2,100 ft (650+m) Line-of-Sight
Communications	On-board microphone
Environmental	IP 65 rated
Cameras	4 front and rear (day and night capable); left and right (day only); quad video display
Controller	Dragon Runner 20 wearable controller, UC-LITE
Payloads (optional)	Disruptors, manipulator arm, RSTA cameras, two-way audio, fiber control tether, Hazmat sensors



Collaborating with QinetiQ

At QinetiQ we bring organizations and people together to provide innovative solutions to real world problems, creating customer advantage. Working with our partners and customers, we collaborate widely, working in partnership, listening hard and thinking through what customers need. Building trusted partnerships, we are helping customers anticipate and shape future requirements, adding value and future advantage.

www.QinetiQ.com

Copyright QinetiQ, Inc. 2020 | Dragon Runner 20
Dragon Runner is a registered trademark of QinetiQ, Inc.

Document DR-20-20-9

For further information please contact:

350 Second Avenue
Waltham, MA USA
+1 781 684 4000
Robots@US.QinetiQ.com