

MURV-100 has these features which other robots do not have:

(1) Weight of MURV-100 with Arm - 24kg

Feature: Can be carried in a squad car and hand-carried for deployment

Next-lightest other robot: Vanguard weighs 52kg

(2) Lifting Capability of MURV-100 on arm 23kg

Feature: Weight of checked luggage in air travel

Next-strongest other small robot: Vanguard can carry 16kg

(3) Height of MURV-100 without Arm - 11.0cm

Feature: Low enough to inspect underneath cars and furniture

Next-lowest other robot: Vanguard 40.5cm

(4) On MURV-100, claws of hand open to 25cm

Feature: Can grasp larger objects

Other small robots - 20cm or less

(5) MURV-100 can reach heights up to 235cm

Feature: Can inspect, grab or disrupt objects in aircraft luggage compartments

Other small robots reach only 140cm or less

(6) MURV-100 can travel on small wheels, large wheels or tracks

Feature: Undercarriage fully adaptable to terrain

Other robots offer either wheels or tracks, not both