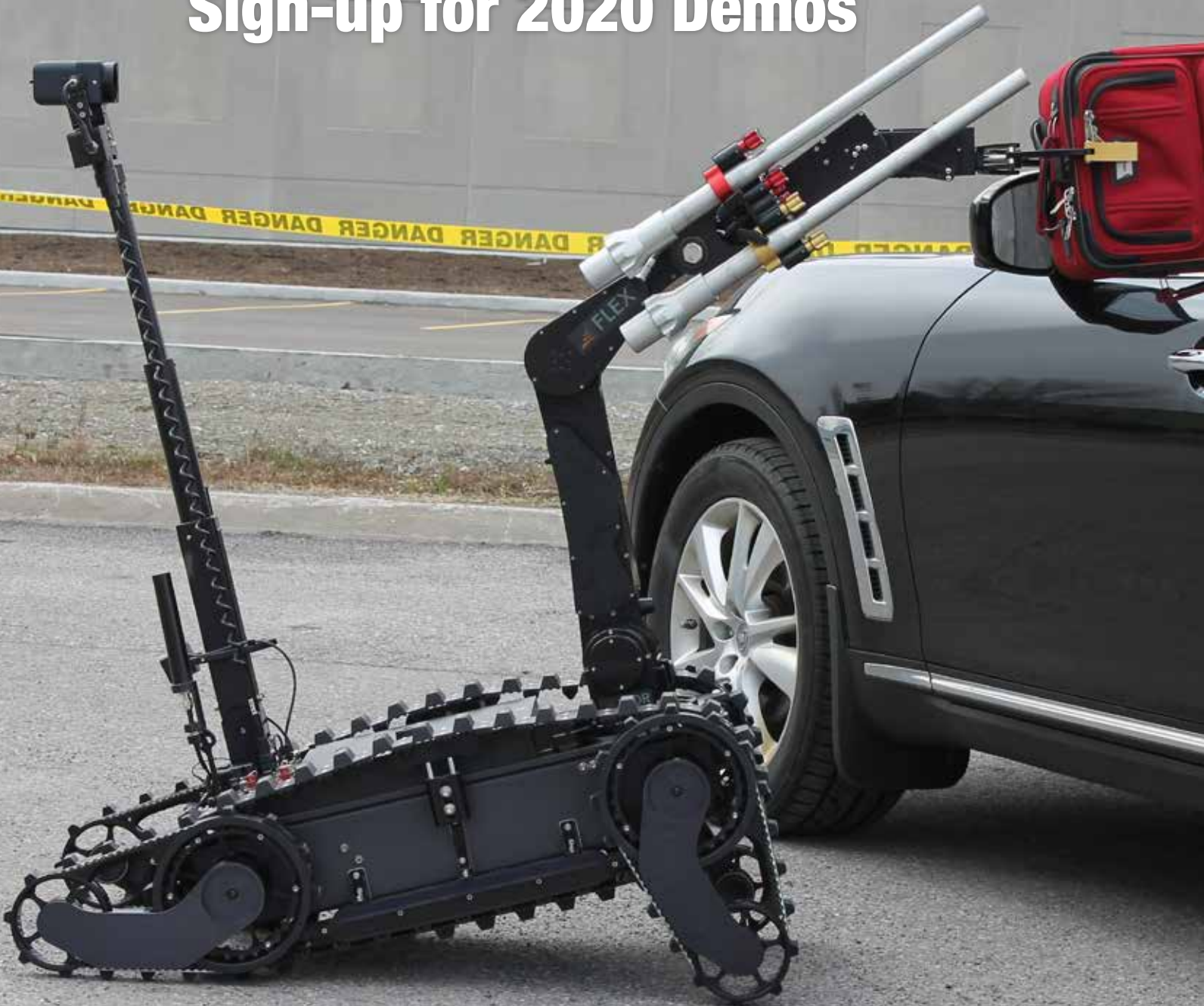


CALIBER[®] FLEX

Sign-up for 2020 Demos



Standard Features

FEATURE	DESCRIPTION
Drive System	<ul style="list-style-type: none"> • 3-speed drive system • Rubber Tracks • 0° turning Circle
Front/Rear Flippers	<ul style="list-style-type: none"> • Front & Rear articulating flippers for stair climbing and obstacle clearance • -40° - +170° flipper rotation
Robotic Claw on Turreted Arm	<ul style="list-style-type: none"> • Claw with 360° continuous rotation • 50 lbs (23 kg) - Lift Capacity • 0 - 200° Shoulder Rotation • +/- 130° Turret and Arm Rotation • 0 - 260° Elbow Rotation • 71" (180 cm) Vertical Reach • 79" (200cm) Vertical Reach on Flipper • 50" (127 cm) Horizontal Reach • LED lights
Firing System	<ul style="list-style-type: none"> • 5 isolated circuits, with individually configurable with hold time
Disruptor Mount	<ul style="list-style-type: none"> • Dual weapon mount for PANs with Recoil Reduction Kit OR 20mm Neutrex Waterjet Disrupter • Integrated LIDAR for distance measuring with dual disrupter mount.
Front/Rear Drive Cameras	<ul style="list-style-type: none"> • Color CCD cameras with IR light • Front & rear driving guidelines overlaid on drive cameras
PTZ Camera	<ul style="list-style-type: none"> • Pan-Tilt-Zoom color camera • 30X optical zoom with LED lights • 360° continuous rotation • Folds down for transportation • Motorized Telescopic height adjustment • Includes claw follow feature
Claw Cameras	<ul style="list-style-type: none"> • Integrated Color CCD Camera with LED Lights • Adjustable and detachable auxiliary CCD camera (Optional)
Weapons Cameras	<ul style="list-style-type: none"> • 2X Color CCD camera with LED lights
CCU	<ul style="list-style-type: none"> • Command and Control Unit to operate robot • Advanced multi-function control, variable speed joystick • Game pad controller with advanced multi axis control • Capacitive touch daylight readable screen • Battery status indicator • HDMI output to auxiliary monitor • Integrated standard PIP (Picture in Picture) • 3D Avatar of Robot • Weather resistant
Robot Battery Pack	2 x 13 Ah, 24V DC, quick-change, rechargeable, lead-acid battery.

Battery Chargers	<ul style="list-style-type: none"> • 1 x Robot: 24 VDC/110 or 220 VAC • 1 x CCU: 12 VDC/110 or 220 VAC
RF System	<ul style="list-style-type: none"> • Mesh COFDM IP Radio System • One data stream for voice, video and data • High quality video transmission
Digital 2 - Way Audio	<ul style="list-style-type: none"> • 2-way audio • Integrated digital audio player on CCU • Integrated microphone and speakers
Training Course	One day Robot Operation and Maintenance course (either at ICOR or customer's facility).
WARRANTY	2-YEAR LIMITED WARRANTY
TECHNICAL SUPPORT	UNLIMITED TECHNICAL SUPPORT customerservice@icortechnology.com



Real-time 3D Avatar

Touch screen Presets



Specifications

Mission Time	2 - 4 hours +, mission dependent
Width	24" (61 cm)
Height	27" (69 cm) Stowed
Length	39" (99 cm) Stowed, 55" (140 cm) Deployed
Terrain	Drives on snow, dirt, rocks, in fields, and on sand
Weight	235 lbs (107 kg) with batteries
Drag Capacity	200 lbs (91 kg)
Stair Climbing	<ul style="list-style-type: none"> • Climbs 8" (20 cm) stairs at 45° • Slope lateral side to side driving at 30 degrees
Weather Resistance	Designed to IP65 / environmentally sealed; chem- bio wash down capability