CALIBER® FLEX
Sign-up for 2020 Demos
## 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**: • 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  

### Battery Charges  
- 1 x Robot: 24 VDC/110 or 220 VAC  
- 1 x CCU: 12 VDC/110 or 220 VAC  

### RF System  
- Mesh COFDM IP Radio System  
- One data stream for voice, video and data  
- High quality video transmission  

### Digital 2 - Way Audio  
- 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

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### Standard Features

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| Drive System | • 3-speed drive system  
• Rubber Tracks  
• 0° turning Circle |
| Front/Rear Flippers | • Front & Rear articulating flippers for stair climbing and obstacle clearance  
• -40° - +170° flipper rotation |
| Robotic Claw on Turreted Arm | • 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” (200 cm) Vertical Reach on Flipper  
• 50° (127 cm) Horizontal Reach  
• LED lights |
| Firing System | • 5 isolated circuits, with individually configurable with hold time |
| Disruptor Mount | • 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 | • Color CCD cameras with IR light  
• Front & rear driving guidelines overlaid on drive cameras |
| PTZ Camera | • 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 | • Integrated Color CCD Camera with LED Lights  
• Adjustable and detachable auxiliary CCD camera (Optional) |
| Weapons Cameras | • 2X Color CCD camera with LED lights |
| CCU | • 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. |

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Real-time 3D Avatar  
Touch screen Presets  

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Due to a policy of continuous product improvement, ICOR reserves the right to change specifications and appearances without notice.