# GO2-W
## Versions



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| **Go2-W Smart version (Go2W-U2)** | • Weight (with battery): about 18kg<br>• Movement speed: 0~2.5m/s<br>• Tires: 7 inch pneumatic tires<br>• Maximum climbing height: about 70cm<br>• Joint motor: 16 pcs<br>• Battery type: long life (15000mAh), duration 2-4h<br>• Warranty: 1 year for the whole machine<br>• Docking station (Orin NX) with 100Tops of computing power, including AI algorithms and technical support<br>• Equipped with realsense D435i depth camera.<br>• With optional servo robotic arm D1 |
| **Go2-W Flagship version (Go2W-U4)** | • With all parameters of Go2-W U2<br>• 3D LIDAR XT16 with navigation algorithm and technical support.<br>• With optional servo robotic arm D1 |
| **Go2-W Inspection Version (Go2W-U5)** | • With all the parameters of Go2-W U4<br>• Twin-light head: high-precision three-axis stabilization<br>• Gimbal parameters: Angular jitter amount ±0.01°.<br>    • Controllable Pitch Rotation:-90°~+25<br>    • Controllable Horizontal Rotation:-270°~+270°<br>    • Horizontal roll rotation:-45°~+45°<br>• Thermal imaging sensor:<br>    • Resolution:640x512<br>    • Wavelength range: 8-14um<br>• Temperature measurement range:<br>    • High gain -20~+150°C<br>    • Lower gain 50~+550 °C<br>• Temperature measurement accuracy:<br>    • -20~+150°C (±2°C)<br>    • 50~+550°C (±5°C) |