

TECHNICKÁ SPECIFIKACE

Minimální technické parametry:

G1 EDU U1 včetně dvou náhradních baterií a 8 hodin školení – 1ks

UnitreeRobotics



Height, width and thickness (standing): 1270x450x200mm
Height, width and thickness (folded): 690x450x300mm
Weight with battery: about 35kg
Total degrees of freedom (joint motor): 23
Degrees of freedom of one leg: 6
Degrees of freedom of waist: 1
Degrees of freedom of one arm: 5
Degrees of freedom of one hand: optional dexterous hand and double-degree-of-freedom wrist
Maximum torque of knee joint: 90N.m
Maximum load of arm: 2kg
Length of calf + thigh: 0.6m
Arm span: about 0.45m
"Super large joint movement space
Waist Z-axis joint: $\pm 155^\circ$
Knee joint: $0 \sim 165^\circ$
Hip joint: $P \pm 154^\circ$, $R - 30 \sim +170^\circ$, $Y \pm 158^\circ$
All joints hollow internal wiring: Yes
Joint encoder: Dual encoder
Cooling system: Local air cooling
Power supply: 13 battery strings
Basic computing power: 8-core high-performance CPU
Perception sensor: Depth camera + 3D laser radar
WiFi 6, Bluetooth 5.2: Yes
Standard stereo speakers and microphone array
1 charger, 1 smart battery (quick release)
1 handheld remote control
Battery life: about 2h
Smart OTA upgrade: Supported
Warranty period: 8 months
Built-in expansion dock with 100Tops computing power, secondary development possible, including AI algorithms and technical support
Maximum torque of the knee joint upgraded to 120N.m
Maximum arm load upgraded to 3kg
Support high-level and low-level secondary development
Provide excellent technical support services, complete development manuals and ecological support
The whole machine has 23 degrees of freedom
One-year warranty for the whole machine

Dva kusy náhradních baterií. Dvakrát čtyř hodinové školení učitelů.

GO2 EDU plus XT16 Lidar včetně dvou náhradních baterií a 8 hodin školení – 1ks

UnitreeRobotics



Weight (with battery): 15 Kg Maximum working payload: 8 kg Endurance time: 120-240 minutes Docking station with 100Tops of mega-computing power with AI algorithms and technical support Equipped with realsense D435i depth camera. 3D LIDAR Hesai XT16 with navigation algorithms and technical support Warranty: 1 year

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