

Bold Hearts Robot Specification RoboCup 2026



Figure 1: The BoldRbot platform.

Table 1: Robot Specification

Component	Details
Robot name	BoldRbot
Height	95cm
Weight	19.5kg
Walking speed	6cm/s (est)
DoF	20 motors, Robotis Dynamixel
Sensors	IMU: USB 6-axis Camera: Luxonis OAK D Lite ¹
Computing units	CPU: TBD Sub-controller: Custom
Materials	Custom aluminium chassis with ABS plastic
Batteries	24V, TBD
Open Source link	https://gitlab.com/boldhearts

¹<https://shop.luxonis.com/products/oak-d-lite-1?variant=42583102456031>