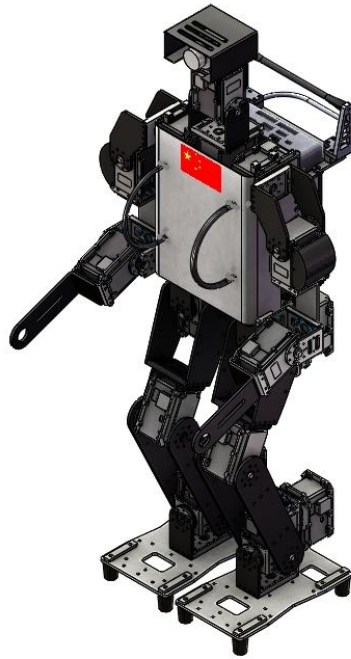


# SYCU-Legendary Humanoid Kid-size Robot Specification Paper 2020

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[http://www.sycu.cn/jdgcxy/zyjs/yyyyjg/201901/t20190102\\_105259.html](http://www.sycu.cn/jdgcxy/zyjs/yyyyjg/201901/t20190102_105259.html)



**Robot Name:** SYCU-Legendary

## Robot Specification

Height	700 mm
Weight with batteries	7.6 Kg
Degrees of freedom	20(10MX106T+10MX64AT)
Max.walking speed	35cm/s
Camera	GIGE
IMU sensor	GY85
Pressure sensor	Strain Gauge
Battery	11.1V 6000mAh
Upper Computer	NUC
Lower Board	ARM7
Positioning accuracy	±10cm
Visual identification distance	4m
Operating System	Linux