


# CSJBOT 8th Robots Parameters Specification

V2.0

<b>Robot model</b>	Amy plus YAM-8-24
<b>Model specification</b>	
<b>Picture</b>	
<b>Basic parameters ("●" standard, "○" choose, "-" no)</b>	
Size ( mm )	L650*W560*H1500
Packaged size ( mm )	L940*W700*H1740
Packaged weight ( kg )	about 91
Robot weight ( kg )	about 60
Battery	Lithium Cell battery
Battery capacity ( AH )	40
Working time ( H )	>10
Charge time ( H )	<10
Charger input power	AC100~240V/50Hz
Charger output power	DC24V/5A
Power	about 100W
Expression type	red LED
Quantity of expression	3
Color	blue and white
Touch screen type	Capacitance
Touch screen size ( inch )	23.8
Touch screen resolution	1920*1080
<b>Lower control system</b>	
CPU	J1900 , qual-core 2.0GHz
RAM	4G
ROM	32G

OS	ubuntu 14.04 ( 64-bit )
<b>Upper control system ( Android , standard )</b>	
CPU	RK3288 , qual-core Cortex-A17 , 1.8GHz
GPU	ARM Mali-T764 , 600MHz
RAM	2G
ROM	8G
OS	Android 5.1.1
<b>Upper control system ( windows , choose , only for re-developing user ) ("●" standard , "○" choose , "-" no)</b>	
CPU ( Intel )	● J1900 ○ i5
Ram ( DDR3 )	●4G ○ 8G
SSD ( SSD )	●64G ○120G
OS	Windows 10
<b>Movement ("●" standard, "○" choose, "-" no)</b>	
Speed ( m/s )	0~0.7
Load capacity ( kg )	-
Noise in 1 meter movement ( dB )	≤55
Brake distance ( mm )	≤100
Nod	-
Hand movement (front and back)	-
Hand movement (up and down)	-
Driving wheel	5 inch *2
Universal wheel	2 inch *4
<b>Basic configuration ("●" standard, "○" choose, "-" no)</b>	
6 mic round	●
360° voice source location	●
Camera in head	●
Camera in screen	-
Touch sensor in head	-
Touch sensor in hand	-
Photoelectric sensor in double-side plate	-
avoid senser in front	●
aviod sensor in back	-
Anti-falling sensor	○
Dual-wheel distance calculator	●
16m laser radar	●

Speaker	●
Front and back LED turning lamp	-
arm LED light belt	-
Ear blueLED light belt	●
Chassis blueLED breath light belt	●
<b>Wireless telecom ("√" yes, "O" choose, "-" no)</b>	
WIFI	IEEE 802.11 a/b/g/n
WIFI(2.4GHz)	√
WIFI(5GHz)	√
4G router	○
Bluetooth 4.0	○
<b>Peripherals ("●" standard, "O" choose, "-" no)</b>	
Bluetooth printer	○
ID card reader	○
Unionpay card reader	○
VISA card reader	○