

JEAP Robot specification

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1 Specifications

The team JEAP utilizes a number of commercially available humanoid platform Vision 4G with customized parts. Its link structure and a front view are shown in Fig. 1, and the detailed specification is shown in Table 1.

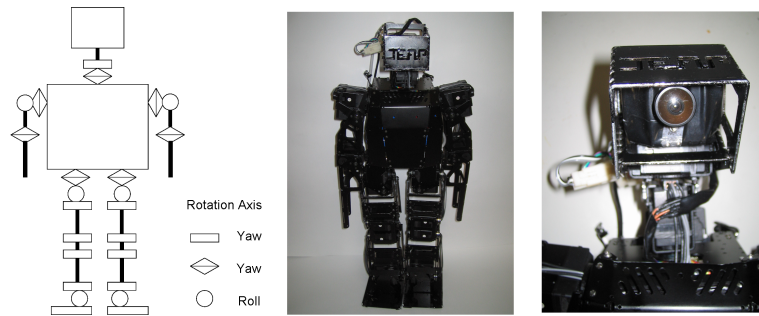


Fig. 1. VisiON 4G pictures

Table 1. VisiON 4G hardware specifications

VisiON 4G			
Height (mm)	465		
Weight (kg)	3.2		
Walking speed (m/min)	6.8		
DOF	22		
Motor Type	VStone Servo		
Computing units	Controller	Main Controller	Sub controller
	CPU	PNM-SG3	VS-RC003 ARM
	ROM	8GB (Flash HDD)	512 KB
	RAM	512 MB	40 MB
	OS	Linux	None
Camera Type	Quickcam		
Other sensors	2-axis gyro sensor	3-axis acceleration sensor	