

# EDROM Robot Specification

## <Robocup 2014 Humanoid Kid-Size League>

FEMEC, Federal University of Uberlândia  
Av. João Naves de Ávila, No. 2121, Block 1M, room 1M123  
[rsgoncalves@mecanica.ufu.br](mailto:rsgoncalves@mecanica.ufu.br); [ufursgoncalves@yahoo.com.br](mailto:ufursgoncalves@yahoo.com.br)  
[edromufu@gmail.com](mailto:edromufu@gmail.com)  
EDROM <[ufuedrom.wordpress.com](http://ufuedrom.wordpress.com)>



<b>Names</b>	<b>LENA; KATE; HOPE; ROSE</b>
<b>Height</b>	44 cm
<b>Weight</b>	2.25 Kg
<b>Degrees of freedom</b>	20
<b>Type of Motors</b>	Dynamixel AX-12A    HITEC HS-485HB
<b>Sensors</b>	Phidget Spatial 3/3/3
<b>Camera Resolution</b>	Minoru 3D 320x240 640x480
<b>Computing Unit</b>	1.5 GHz Vortex86
<b>Battery</b>	14.8, Li-Po 2200mH