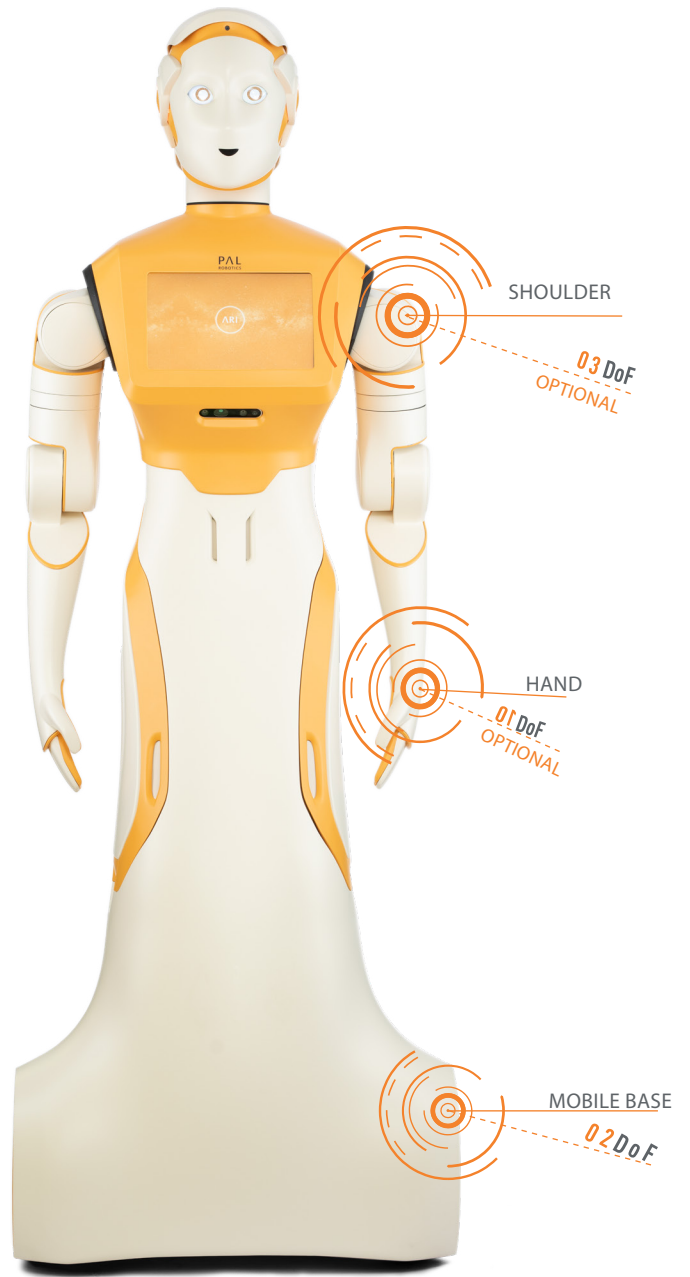


GENERAL FEATURES

Height 160 cm
 Width 53 cm
 Depth 75 cm

DEGREES OF FREEDOM (DoF)

Head	2	Mobile base	2
Arms	4 (x2)	OPTIONAL	
Hands	1 (x2)	OPTIONAL	



<u>INTERFACES</u>	Eyes LCD Screen	2x LCD screen with custom animations Touch screen 10.1" 1200x800 Projected capacitive
	Ears	2x 16 RGB LED ring
	Back Ring	40 RGB LED ring
<u>CONNECTIVITY</u>	Wireless	802.11 a/b/g/n/ac 5GHz and 2.4 GHz, 867 Mbps Bluetooth 4.4, LTE capable
	Wired	1x GbE, 2x USB 3.0 HDMI, 12V/3A Power, Audio InOut
<u>PAYLOAD</u>	Arm Payload	0,5 Kg
<u>BATTERY</u>	Battery	24V/40Ah (optional 60Ah), 8-12 hours autonomy
<u>VISION</u>	Head camera	Sony 8 MegaPixel (RGB)
	Torso camera	Intel® RealSense™ D435i (RGB-D)
	Rear camera	Intel® RealSense™ T265 (Optional)
<u>AUDIO</u>	Speakers	2x 30W Hi-fi full-range speaker
	Microphones	4 x high performance digital microphonens array
<u>COMPUTER</u>	CPU	Intel i5 / i7
	SSD	8GB / 16 GB
	RAM	265GB / 512 GB
<u>AI</u>	GPU	NVIDIA® Jetson™ TX2 embedded AI computing device
<u>CORE SOFTWARE</u>	OS	Ubuntu LTS, ROS LTS
	Simulation	Gazebo Dynamic simulation and URDF model
	Text - to -speech	1 language
	Included	Movelt, Teleoperation, Web-based interface LED Manager, Motion Libery
<u>SUPPORT</u>	Training and maintenance	On demand
	Online helpdesk	24/7
<u>OPTIONALS</u>	Hardware	Optional 2 x 4 DoF arm Optional 2 x6 DoF underactuated Hand (1 actuator) Docking station
	Software	Addiotional languages, Chatbot integration (upon demand) Integration of Google API, Human face detection