

PAL

TIAGo Head

EMBODIED AI AND SOCIAL ROBOTICS

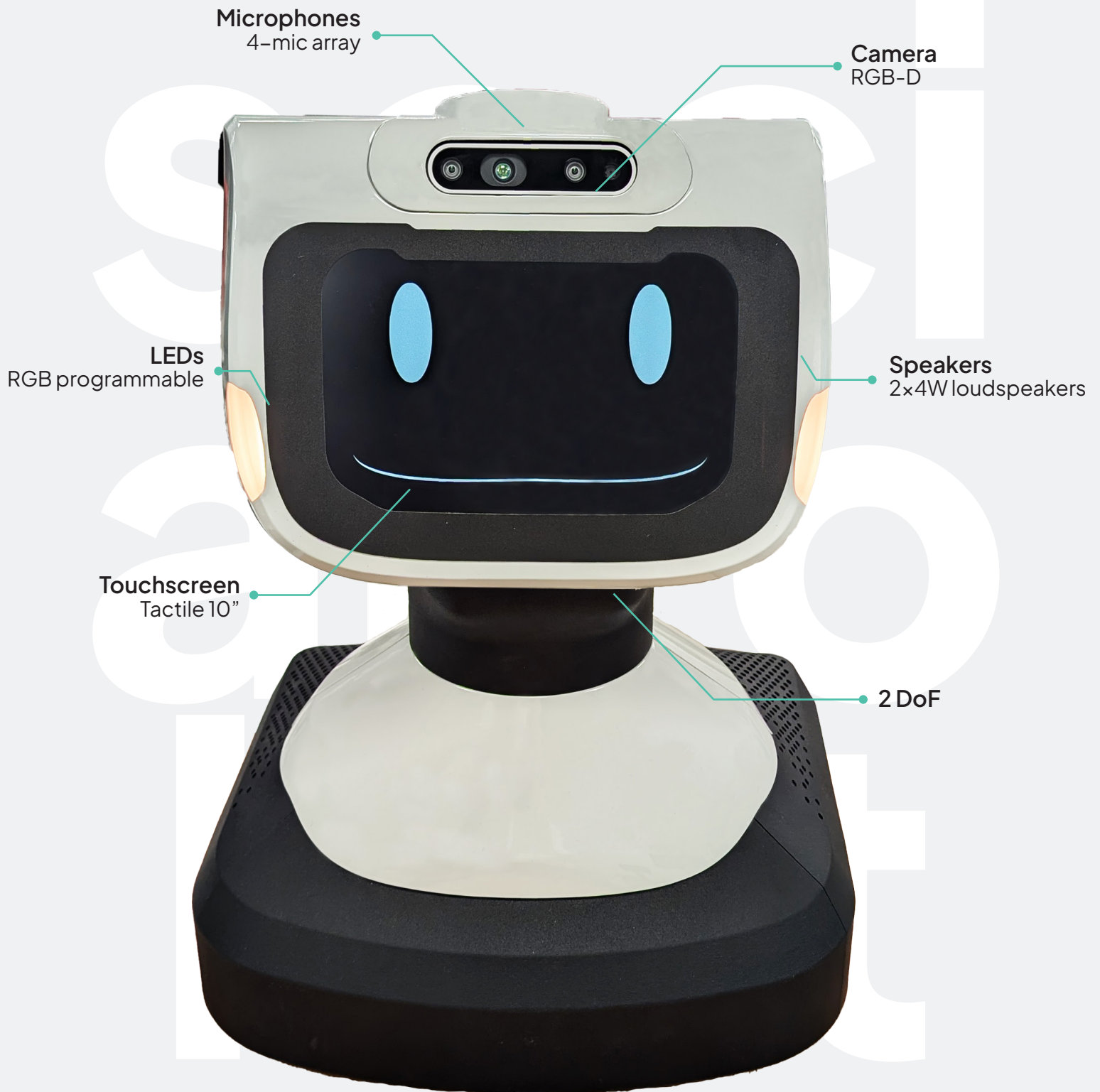
Height
45 cm

Width
32 cm

Depth
25.5 cm

Weight
5.75 kg

Power
230V / 110V



TIAGo Head

EMBODIED AI AND SOCIAL ROBOTICS



Common elements

Hardware

- i7 CPU
- 16GB RAM
- Tactile 10" touchscreen
- 2 DoF, RGB-D camera
- 4-mic array
- 4W loudspeakers
- ✓ REST API
- ✓ Visual Programming*
- ✓ Web Interface
- ✓ RASA chatbot
- ✓ Documentation

Standard

For robotics research and teaching

12.950,00 €*
12.950,00 €*

Languages

- ✓ 20+ TTS languages; 10+ ASR languages; chatbot in 5 languages

Social Perception

- 3D Face Recognition
- 3D Skeleton Tracking
- Expresion Detection
- Gesture Recognition
- ✓ ROS4HRI-compatible

Transport case

Add-on

Custom colour

On demand

Customizable faces



ROS 2 API



Full access to robot OS (ssh)



AI package

For AI research

19.900,00 €*
19.900,00 €*

Languages

- ✓ 20+ TTS languages; 10+ ASR languages; chatbot in 5 languages

Social Perception

- 3D Face Recognition
- 3D Skeleton Tracking
- Expresion Detection
- Gesture Recognition
- ✓ ROS4HRI-compatible

Transport case

Included

Custom colour

On demand

Customizable faces



ROS 2 API



Full access to robot OS (ssh)



AI/GPU hardware accelerator

- ✓ Jetson Orin

LLM

- ✓ Ollama

*Prices are exclusive of shipping, taxes and duties which will be calculated on a personalized offer. PAL Robotics reserves the right to modify or cancel these prices at any time without notice. Prices are inclusive of a 10% educational discount.

PASSION FOR ROBOTICS

pal-robotics.com

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