

FURHAT

A HUMAN-LIKE SOCIAL ROBOT



About

FURHAT is the world's most advanced social robot platform. Empowered by AI and multilingual speech capability. FURHAT is able to carry on interactive conversation with realistic human facial expressions using its 3D immersive face.

Research Solutions

AI & Machine Learning, Service & Social Robotics, NLP & Speech Recognition, Human-Robot Interaction, Clinical Psychology, and many more.

Commercial Solutions

Furhat is ready to meet you in the real world. It can serve customers, assist promotion & sales, train employees, medical consultant agent, etc.



Airport and train station

Furhat works as customer service agent that speaks over 30 languages, provide way-finder and other information in airports and train stations.



Hospital

Furhat provide assistance for pre-health & medical screening in hospitals, create non-clinical environment that assists patients during pre-screening and diagnose tests.

FURHAT SPEAKS OVER 30 LANGUAGES, MODIFY FACIAL EXPRESSIONS, DEVELOP YOUR OWN PERSONALITY!



Concierge

Furhat's human-like personality creates unique engagement with guests as concierge or customer service agent. It never gets angry, bored, frustrated, hungry or tired.



Recruitment and Training

Furhat can act as interviewer removing any potential biases that human element might introduce. It can also become employee training robot or subject for therapist training.

Developer - Furhat RDK

Furhat Robot Development Kit (RDK) is a powerful robot software platform for building multi-modal, multi-party conversational experiences. Get Furhat RDK and start your journey with robots today!



Technical Specifications

WEIGHT

3.5 kg

DIMENSIONS

410mm x 270mm x 220mm

MOVEMENT

3 degree-of-freedom

COMPUTER

Intel Core i5 7260U, 64-bit, Intel Iris Plus, Graphics 640, 8GB RAM, 120 GB SSD

PORTS

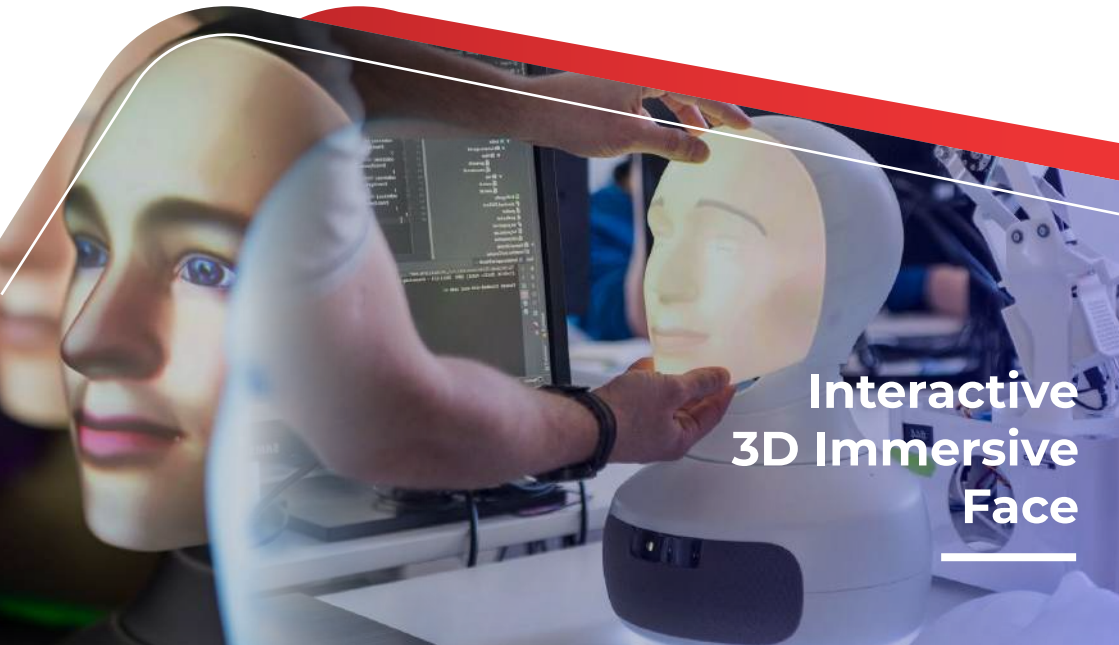
Intel Wireless-AC 8265, Integrated LAN, 2x USB A, 1x USB-C, 3.5mm Headphone Jack

INPUT

180mm wide stereo microphone
1080p RGB 135° diagonal FOV Camera
13.56MHz (Mifare) RFID Reader
Rotary wheel with click function

OUTPUT

Illuminated swappable mask system
Custom-tuned, 2.5" hi-fidelity stereo speakers
Custom 160° wide angle projection system, WVGA resolution, RGB LED, 100 lumen
360° RGB LED ring, 144/meter density



Interactive
3D Immersive
Face

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