Tencent Cloud digital human

Tencent cloud digital human is a new-generation multimodal human-computer interaction system that can create an intelligent, vivid and interactive "digital avatar" to promote the digital transformation of enterprise services, and enhance the efficiency and quality of enterprise communication.

‖I Industry-Leading Lifelike Interactions I‖

Diverse Avatar Types

Providing 4 types of avatars，2D Real-Person，3D Cartoon，3D Semi-Realism，3D Realism

| 2D Real-Person | 3D Cartoon | 3D Semi-Realism | 3D Realism |

Natural Expressiveness

Highly realistic lip movements, expressions, postures, and actions through extensive use of computer vision and other AI technologies.

Comprehensive Voice Library

A wide range of voice presets, available to speak in most major languages.

Natural Speech Generation

Highly realistic speech generated in high definition audio with minimal latency, providing a frictionless interaction experience.

‖I Industry-leading Technology I‖

Highly Customizable

- Flexible production: Equipped with 2D and 3D avatar production pipelines. 2D production supports training on full studio footage or short 3-minute videos, paired with powerful face swapping customizations. 3D production supports model building from real photos.

- Supports avatar rental and customization (Customizable avatar, clothing, hair accessories, action and posture)

Seamlessly Interactive

- Supports both broadcasting and interactive outputs

- First frame latency less than 600ms with multiple first places in POC tests

- Driven by text or voice

- High server concurrency, superior server performance anchored on leading hardware

Intelligently Perceptive

- The capacity for perception and comprehension is expanded by cutting-edge NLP, knowledge graph, computer vision and other AI technologies.

Strong Scalability

Convenient Operation And Management
- Providing a centralized platform to provide end-to-end support for the operation and management of the Digital Human services

Flexible Integration
- Integration mode: H5 / Android / iOS
- Rendering engine: Webgl / Unity / UE
- Communication protocols: RTMP / WebRTC / TRTC etc.

Applicable In Diverse Industry Scenarios

First in China by market share, has covered a wide range of industries such as banking, securities, insurance, education, government, media, culture and tourism, telecom operators, transportation and travel etc. It is also used in a variety of business scenarios, such as customer self-service, marketing, customer acquisition, and brand image enhancements.

Wide range of industries
- Banking
- Securities
- Insurance
- Education
- Government Affairs
- Media
- Culture & Tourism
- Telecom
- Transportation
- Travel

Business Scenarios
- Business Processing
- User Operation
- Marketing & Customer Acquisition
- Brand Publicity