Virtual Digital Human

It can provide users with voice interaction, personalized service, and entertainment companionship.

Voice Interaction
It can help users to quickly search, play, pause and adjust the volume, making the user experience more convenient and comfortable.

Intelligent Recommendation
By analyzing information such as user viewing history, hobbies, and social networks, it recommends personalized movies and TV programs for users. This can improve user viewing quality and satisfaction.

Intelligently generate short video introduction
During the recommendation process, a short video introduction of the recommended content is automatically generated to help users quickly decide what to watch

Entertainment Company
Virtual digital humans can have their own personality and behavior habits, interact and dialogue with users, and provide users with entertainment and companionship

Elderly Living Alone need
Companiopship & Care

Voice assistant to chat with you to relieve boredom

Video calls can let you often see your family

AI detection monitors the health of the elderly at any time, and automatically notifies family members and emergency centers if abnormalities are found.

Smart home is safe and convenient, allowing you to control your home appliances as you like

Accoring to the United Nations' <Wold Population Prospects: 2019 Revision>, by 2050, the number of elderly people in the world will increase to 2.2 billion, accounting for **1/3** of the global population.

Somatosensory game

There is a camera on the box, somatosensory games can be played through the camera.

More realistic virtual reality gaming experience

The box's cameras accurately track the player's movement and position, and reflect that into the virtual reality world.
This technique can provide a more realistic and immersive experience.
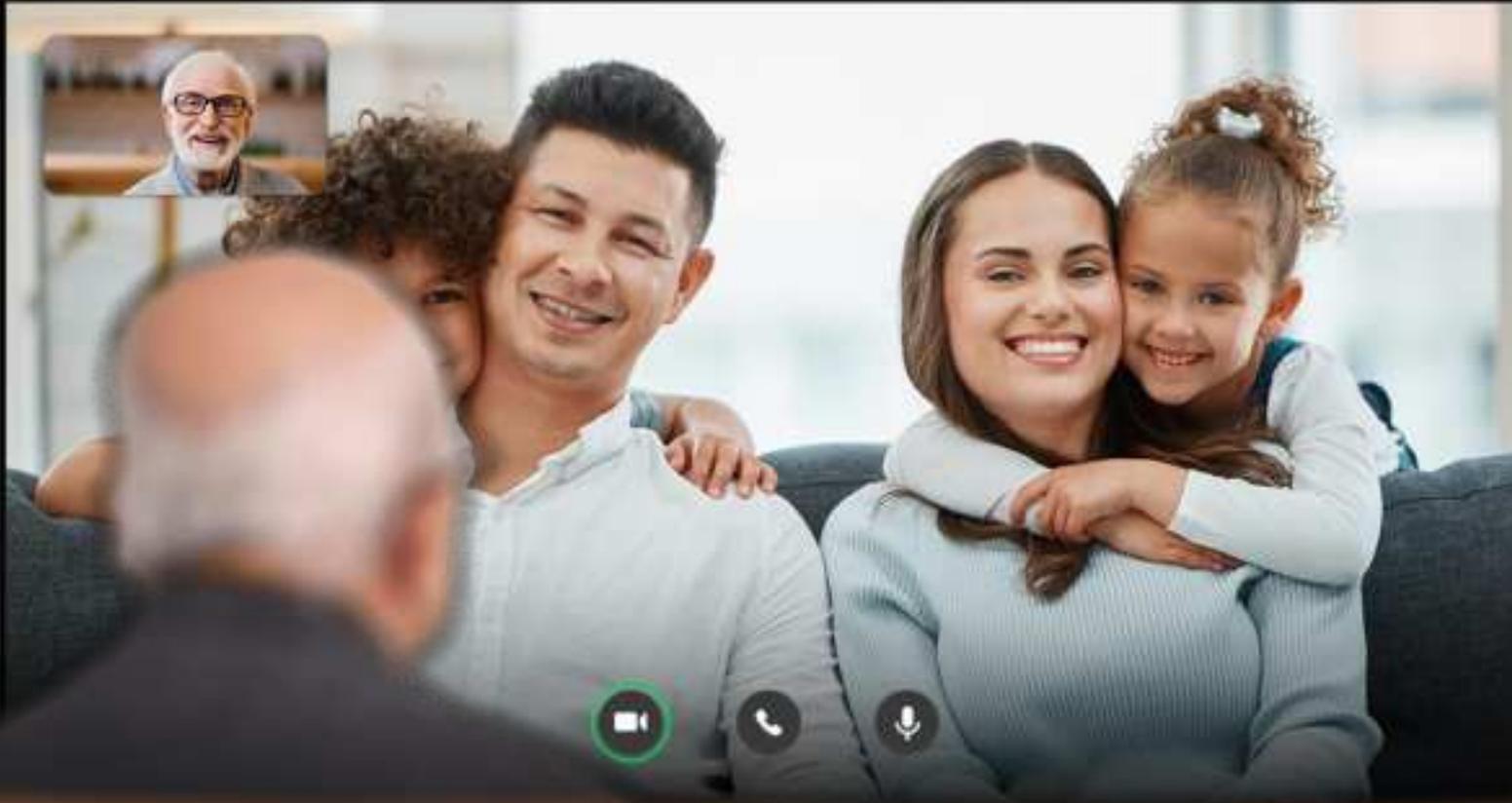
Playing games with virtual robots

In a two-player game, when the user has only one person, the virtual robot can act as another role and play the game with the user.

Video calls on the big screen

Everyone in the frame, who speaks is in focus.

Family Meeting

Through body capture control, games and sports can have AR effects.

110° Wide viewing angle and smart focus

For gesture control

Millimeter Wave Radar

For video calls

android 13

THX Dolby VISION·ATMOS dts x

3.2 TOPS

NPU

12MP and 110° ultra-wide-angle

Matter

HDMI IN/OUT

A73*4
A53*4

CPU

IPTV Multicast Over Wi-Fi

Thread

Amlogic A311D2

ARM Mail-G52 MP8

GPU

4 Far Field Microphone

Bluetooth

4 GB LPDDR4

4GB LPDDR4

Millimeter Wave Radar

5W Speaker

128GB Flash

eMMC 128GB Flash

Specifications

Hardware Platform	
CPU Chipset	Amlogic A311D2 A73*4+A53*4 (Quad core ARM Cortex-A73 + Quad core Cortex-A53)
DMIPS	55k DMIPS
GPU	ARM Mali-G52 MP8 (8EE)
NPU	3.2 TOPS
RAM	4GB LPDDR4
Flash	eMMC 128GB
Network	
Wi-Fi	802.11 b/g/n/ac 2.4G/5G
Bluetooth	Bluetooth 5.0
Ports	
HDMI	HDMI 2.1、HDMI OUT*1、HDMI IN*3

Specifications

Product Features	
Camera	12MP;110degree wideangle camera
Microphone	4 Far-field Microphone
OS	Android 13
Audio	
Audio Decoding	Supports MP3, AAC, WMA, RM, FLAC, Ogg and programmable with 7.1/5.1 down-mixing
Audio Mode	Mono/Stereo/Left/Right
Dolby Digital Plus	Support（optional）
DTS	Support（optional）

Specifications

Video	
Video Decoding	AV1 MP-10@5.1 up to 8Kx4K@24fps or 4Kx2K@60fps H.265 HEVC MP-10@L5.1 up to 8Kx4K@24fps or 4Kx2K@60fps VP9 Profile 2-10 up to 8Kx4K@24fps or 4Kx2K@60fps AVS2 MP up to 4Kx2K @60fps
Video File Format	Supports *.mkv,*.wmv,*.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm and *.jpg file formats
Video Resolution	4K@60fps 1080p/i 720p 4Kx2K
Dolby Vision	Support (optional)
Video Output	HDMI 2.1, HDCP 2.2

Specifications

RCU	
IR Support	Yes
Protocol	BLE
Battery Type	2*AAA 1.5V
Power Supply	
DC Input	12V / 2.0A
Input Voltage	AC 100V - 240V
Power Consumption	Maximum 24W
Power Line Length	1.5 Meter
Lightning Level	4KV

Specifications

Mechanical	
Dimension (W*D*H mm)	218*94*53 mm
Weight	< 1kg
Cover Color	Black、White、Grey
Accessories	
Power Adapter	1 * 12.0V/3A Adapter With 1.5M cable
Remote Control	1 * Customize Remote Control
User Manual	1 * Customize User Manual

Specifications

Packing	
Type	Paper card packaging
Outline Size	Customization
Gift Box	Customization

Millimeter Wave Radar Specifications

General Requirements

	Min	Type	Max	
Frequency Range	57.1		63.9	GHz
TX out power		≤ 3dBm		
Distance	0.5	adjustable	5	M
Distance accuracy		±15cm		
Distance resolution		25cm		
Horizontal angle	-50°		+50°	
Angular Accuracy		±10°		< 5m

Size error

DIM(mm)	Tolerance (mm)
0-5	±0.15
5-10	±0.20
10-50	±0.30

Thanks !

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Radiation Exposure Statement
To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm from your body.