



OUR HUMANOID FLAGSHIP

CruZR S1

Humanoid Reception & Concierge Robot · by **UBTECH Robotics** · supplied & supported in the UK by **GO Robotics**

HUMANOID

CruZR S1 is the robot we put on the front line when the job is **first impressions**. It stands at guest height, greets proactively, holds a natural conversation through a built-in multilingual language model, and guides visitors exactly where they need to go — all before your team has finished their coffee.

Behind the friendly face is a serious machine: 15 high-performance servo drives, far-field voice pickup, centimetre-accurate U-SLAM navigation, and a live connection into the building itself — lights, curtains, air-con and screens.

11.6"

TOUCH
DISPLAY

8 h

ACTIVE
RUNTIME1195
mmGUEST-
HEIGHT BUILD

6 mics

360° VOICE
PICKUP

CruZR S1 — expressive touchscreen face, articulated arms and voice AI, greeting-ready straight off the dock.

1 Built-in multilingual AI

A built-in multilingual large language model powers natural Q&A and sales support in the visitor's own language.

2 U-SLAM fusion positioning

Laser SLAM fused with an upgraded depth-vision system gives centimetre-level path planning through guided-tour routes.

3 Natural voice interaction

A 6+0 microphone array picks up speech from up to 5 metres, so CruZR S1 hears clearly across a noisy lobby.

4 Dancing, promotions & parade mode

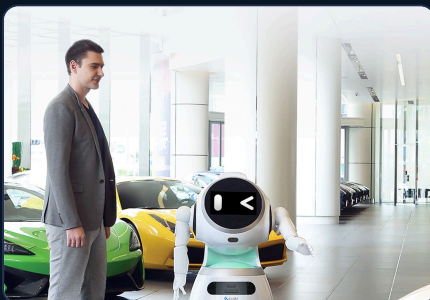
Multimodal routines and an automatic parade mode with voice broadcasting turn a quiet lobby into a moving campaign.

5 Smart building & IoT integration

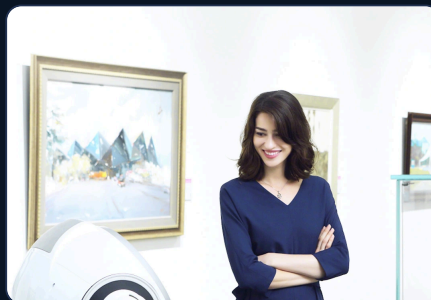
Connects to lights, curtains, air-con and screens — an intelligent display hub that can demo the room, not just describe it.

6 Telepresence ready

A remote operator can see, hear and speak through CruZR S1 in real time — a member of staff on call without being on site.



Retail & showrooms — greeting customers and talking through the product on the floor.



Exhibitions & galleries — guided tours with natural arm gestures and commentary.

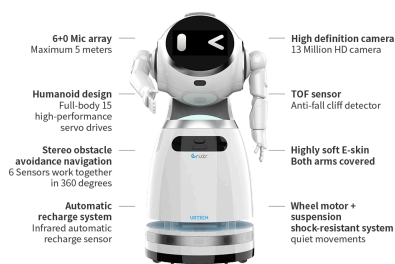
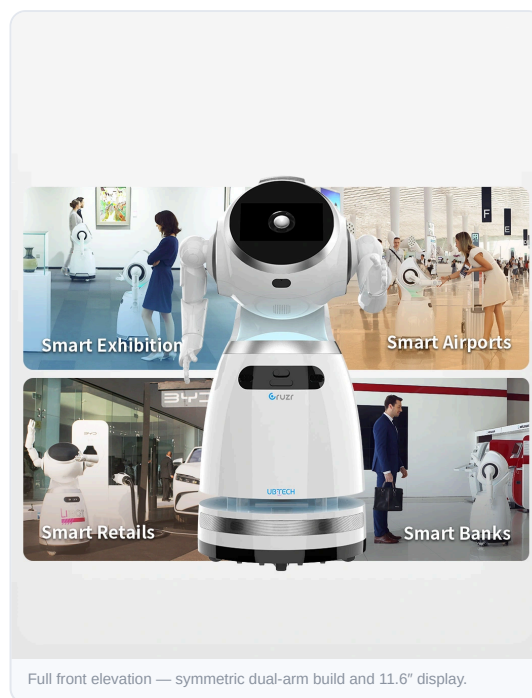


Corporate lobbies — visitor greeting and host hand-off, guest height to guest height.

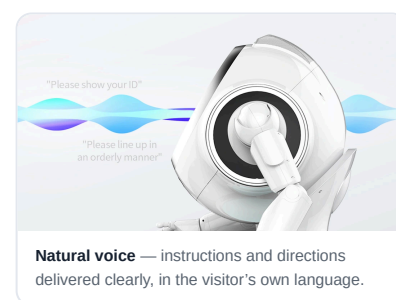
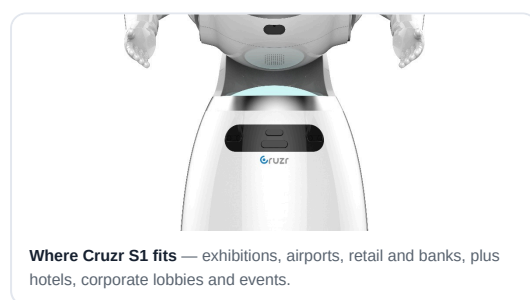
CRUZR S1 — TECHNICAL SPECIFICATION

Every figure your project team will ask for.

PHYSICAL		DISPLAY & INTERACTION	
Height	1195 mm (47")	Display	11.6" touchscreen
Footprint (W × D)	521 × 516 mm	Camera	13 MP HD camera
Weight	≈ 45 kg	Microphone array	6+0 mic array, up to 5 m
Form factor	Wheeled humanoid, 15 servo drives	Interaction	Voice, touch, gesture, telepresence
		Conversational AI	Built-in multilingual LLM
MOVEMENT		SENSING & SAFETY	
Propulsion	3 × omnidirectional wheels	Navigation method	U-SLAM (laser SLAM + AI vision)
Standard / max speed	0.3 m/s / 1.0 m/s	Obstacle avoidance	Stereo, 6 sensors, 360°
Suspension	Wheel motor + shock-resistant, quiet	Fall protection	TOF anti-fall cliff sensor
Navigation	U-SLAM autonomous navigation	Touch safety	Soft E-skin covering both arms
POWER		CONNECTIVITY	
Battery	20 Ah, 24 V	Wireless	Wi-Fi 2.4G / 5G
Runtime (active)	Up to 8 hours	Operating system	Android & ROS
Standby	Up to 24 hours	Smart device control	Lights, curtains, air-con, screens
Charging	Infrared automatic recharge dock		



Official UBTECH hardware overview — mic array, HD camera, servo-driven arms, TOF and stereo obstacle sensing, soft E-skin, auto-recharge and suspension.



See Cruzr S1 in your building

GO Robotics will survey your site and quote a Cruzr S1 deployment, free of charge.

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