

Transparent OLED Screen Mobile Robot

OLED Self-Luminous Technology

OLED's self-luminous technology is not just about choosing a screen; it's about opting for a "what you see is true" visual experience - making every frame have a sense of breathing, and every color have vitality. From now on, the way we perceive the world becomes clearer and more vivid.

Transparent OLED Display

It adopts a highly transparent OLED screen with an extremely high light transmittance of up to 43%，Beyond ensuring crisp, clear rendering of digital human visuals, this high transmittance also lets users see the surrounding environment directly through the screen—infusing the device with a distinctly futuristic aesthetic.

Intelligent Navigation

Equipped with dual core functions of automatic obstacle avoidance and route planning, it can intelligently perceive and accurately recognize the surrounding environment, while automatically calculating and planning the optimal travel path—ultimately ensuring stable and smooth navigational movement across various complex scenarios.

Clear Vision

With 4K cameras and high-sensitivity array microphones, it clearly captures images, accurately picks up audio, and enables a more accurate interactive experience.

AI Digital Human Interaction

With advanced AI, it creates lifelike digital humans, enabling voice dialogue, facial interaction, motion capture, and immersive interaction.

Capacitive Touch Function

Equipped with capacitive touch technology for smooth, intuitive, and rapid user interaction.

Long-lasting battery life

Large-capacity battery，runs 7-12 hours continuously, freeing from power constraints for more flexible interaction.

Wide Viewing Angle

Boasts a 178° ultra-wide viewing angle, ensuring images stay clear and color-accurate from every viewing position.


4K camera


Steel Enclosure


Intelligent sensing



IPS panel Technology



Transparent display


High contrast


10 points Pro Cap touch


Wheel


Intelligent voice

Product Features

Amid rapid technological progress, the OLED transparent mobile robot—with its innovative visual display and interactive experiences—seamlessly combines autonomous mobility and intelligent interaction, redefining the boundaries of human-computer interaction (HCI) and spatial use cases.





High Transparency

The display with 43% transparency allows unimpeded natural light—enabling seamless integration of digital content and real-world surroundings.



Intelligent sensing

Comprehensively sense the environment, automatically avoid obstacles, and operate safely and stably.



Immersive Interaction

It supports easy human-computer interaction and sensitive capacitive touch, has an advanced AI-powered realistic AI digital human, enables voice/expression/motion interactions, and offers strong tech vibe & immersion.



Precisely capture

Equipped with 4K high-definition cameras and array microphones, it can clearly capture the user's image and voice, providing users with a more precise interactive experience.

Specifications

Model			OLED-TX010
Panel	Display Size(inch)		55"
	Backlit Type		OLED
	Resolution		1920X1080(FHD)
	Active Display Area(mm)		1206.53(H) x687.67(V)
	Aspect Ratio		16:09
	Brightness(cd/m2)		200-600cd/m² (Auto Adjust)
	Contrast Ratio(Typ.)		100000:1
	View ing Angle(H/V)		178/178
	Color Depth		10bit (R), 1.07 Billion Colors
	Response Time(G-to-G)		1ms
	Use Life (typ.)		30,000 Hours
	Transparency		43%
Sound	Loud Speaker		10W, 8Ω
Pow er	Type		Internal
	Pow er Supply		AC 100 - 240 V~ (+/- 10 %),50/60 Hz
	Operation time		7 - 12 hours
	Pow er Consumption	Charging voltage	43.2V
		Battery life	10 - 15 Hours
		Standby time	30 Hours
		Sleep mode	less than 0.5W
		Off mode	less than 0.5W
	Charging method		Automatically recharges w hen low on pow er. Manual instructions can also be sent to the charging station.
	Time required to fully charge		5.5 Hours
Mechanical Spec	Protection Glass		4mm
	material		Glass + sheet metal
	colour		White (customizable)
	Dimensions		794.5mm×560.0mm×1745.3mm
	Stand Type		Floor-standing
Environmental	Operating Temperature		0°C ~ 40°C
	Storage Temperature		-20°C ~ 65°C
	Operating Humidity		10% ~80 %
	Storage Humidity		10% ~80 %
Monitor Control Board	Chipset		TX336
	OSD language		Simplified Chinese, Traditional Chinese, English, French, German, Italian, Spanish, Portuguese, Japanese,Korean(Optionl)
	Support signal		HDMI/Line synchronization range/30-80KHZ
	Pow er input		+24V
	Drive-screen voltage		Drive-screen voltage
	Key control		MENU,POWER, SOURCE,LEFT,RIGHT,UP,DOWN
	Key function		Pow er sw itch, menu, volume +, volume -, channel +, channel -, input channel selection, (full function remote control)
	I/O		HDMI IN *1, USB 2.0 * 1, RS232 (RJ45)

Screenage

PEOPLE WHO PRODUCE RESULTS. THAT'S US!



FACTORY



EXHIBITION HALL



WAREHOUSE

COMPANY PROFILE

- Company Name: Screenage Technology
- Established in **2008**
- Focus area: Commercial LCD Display Product Development
- 10-Year Professional Manufacturer in Shenzhen,China
- Factory Total Area: **3000m²**
- Output: **100,000Pcs/Year**
- Product Range: Digital Signge, LCD Video Wall, Floor Standing Kiosk, Industrial LCD Monitor, All-in-one PC and LCD Interactive Whiteboard.
- Main Market: North America,Western Europe,Mid East,Eastern Europe, South America,Africa
- Certificate: **ISO9001,CE,EMC,RoHS**

Have questions?

We have answers!

Get answers about Pricing,Specifications,Installation,and more

CONTACT US NOW!

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