

SPECIFICATION SHEET

55-inch Transparent OLED Display

Product Model: WT-TO550NMGV01



- Transparent OLED with self-emissive pixels, delivering vivid and lifelike colors.
- Pure blacks and dazzling brightness create an exceptional contrast and depth of image.
- 178° ultra-wide viewing angle ensures consistent picture quality from every perspective.
- Smooth high-speed refresh for clear motion display, reducing eye strain during long viewing.
- Without a backlight, avoiding light leakage and ensuring a more natural visual effect.
- Elegant and modern design with embedded splicing installation for a premium look.
- Crystal-clear image quality with transparent display function, combining display and aesthetics.
- Optional capacitive touch functionality enables intuitive human-machine interaction for a more futuristic experience.

A. Specification parameters

Screen	
Displays the size	55 inch
Panel	T-OLED
Display area	1209.6mm(H)×680.4mm(V)
Resolution	1920*1080
Ratio	16 : 9
Luminance	200 – 600 cd / m ² autoregulation
Contrast ratio	200000 : 1
View angle	178°/178°
Response time	0.1ms (Gray To Gray)
Color depth	10bit(R),1.07 billion colors
Transparency	43%
Frequency	120Hz
Touch screen(Optional)	
Type	Projected Capacitive (PCAP)
Touch points	≥ 20 points
Sheet Resistance	≤25 Ω
Compatible Systems	Windows 7 / Windows 8 / Windows 10, Android, Linux
Reporting Frame Rate	120 ~ 130
Response Time	≥7 ms
Accuracy	≤2 mm
Linearity	≤2 mm
Display Resolution	4096 × 4096
System	
Operating system	No System just a Monitor
Connecting for using	Through HDMI-IN/DP-IN
Display interface	HDMI/DP/USB/TOUCH USB/RS232
Power parameters	
Power input	DC 24V
Power consumption	< 280W
Structure	
Material	Aluminum profile + tempered glass + sheet metal
Outline dimension(L*W*H)	840×840×2200 (mm)
Install	Floor standing
Annex list	
Base, adapter, HDMI cable, remote control, certificate warranty card	
Else	
Warranty	3 years

E. Prohibition of “Static Image” Display

Instructions for OLED Self-Emissive Products - Prohibition of “Static Image” Display

- **Definition of “Static Image”** : Any unchanging element on the screen, regardless of whether it is video or other formats.
- **Risk of Image Retention (Burn-in)** :
If a static image remains on the screen for a certain period, it may cause burn-in on the panel, resulting in irreversible damage to the product. Such damage is not covered under warranty, please pay special attention.
- **Display Time Guidelines**:
 - In theory, the continuous display of static images should not exceed 5 hours. Exceeding this duration will cause permanent and irreversible damage to the OLED screen.
 - In practice, we have not tested continuous static image display for 5 hours. However, tests confirm that displaying static images continuously for 1 hour is safe.
- **Recommendations**:
 - Do not display static images for more than 1 hour; ideally, avoid exceeding 15 minutes.
 - The daily continuous usage time of OLED products should not exceed 16 hours.
 - For computer desktop displays, avoid static screens for more than 15 minutes. It is recommended to enable a dynamic screensaver.