SPECIFICATION

Product number：G298BYK00-D01

Product type：Square screen display
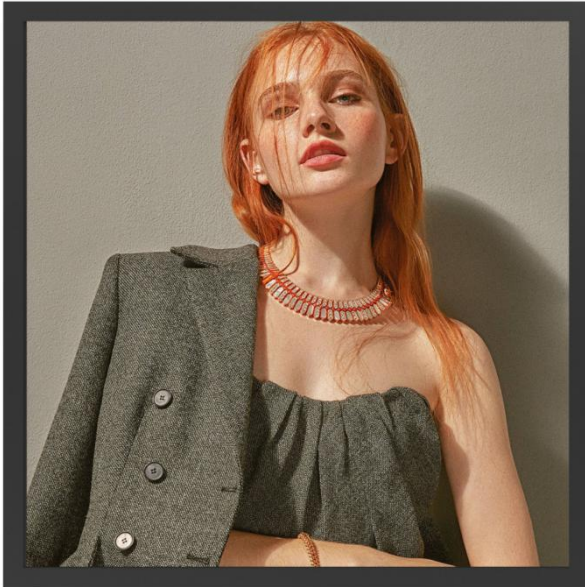
Checked by	**Rechecked by**	**Approved by**
Comments	**Approved by**	**Company's seal**
Customer's Name:		

Please send the original back to us after you have approved and signed.

Modify History

Ver.	**Page**	**Revised Descriptions**	**Date**	**Revision**	**Approal**
REV.1.0	ALL	T0	2025.05.28		

Product Paramenter:

Model	29.8"	Specifications	Units/Number	Notes
Screen Param-eters	Dimension	571（L)*571(H)x50(W)	MM	
	Shell material	Black fine sand texture	-	
	Gross Weight	/	Kg/gross	
	Display Size	542.2(L)x 542.2(H)	MM	
	Display- resolution	1900*1900	Pixel	
	Brightness	400	Cd/m²	
	Contrast ratio	4000:1	-	
	Display scale	1:1	-	
	Viewing angle	89/89/89/89	-	
	Pixel pitch	0.285375*0.285375	MM	
	Display color	1.07	B	
Electrical	Maximum power	≤85	W	
	Standby power	≤1	W	
	Supply Voltage	12V	V	
	Horn	3W/8 Ω*2	-	
WorkStorage	Operating temperature	0-50	℃	
	Working- humidity	10％～80％	%hr	
	Storage temperature	-20-50	℃	
	Storage Humidity	10％～80％	%hr	
	Power interface	AC 110-240V		

Model / 29.8"	Specifications	Units/Number	Notes
CPU	RK3288, quad-core, 1.8GHz, Android 5.1.1		
Operating System	Android 5.1.1		
Memory Storage	Standard 2G (4G optional) / Standard 8G (16/32/64G optional)		
built-inROM	/		
HDMI Out	1, supports 1080P@120Hz, 4kx2k@60Hz output		
HDMI import	/		
Support Video-Formats	Supports wmv, avi, flv, rm, rmvb, mpeg, ts		
Support Image-Formats	Supports BMP, JPEG, PNG, GIF		
Audio Input/Output	Supports left and right channel output, with built-in dual 4R/20W and 8R/10W power amplifiers		
Headphone Output	Supports the insertion of one or two earphones		
USB Interface	2 USB HOST		
Serial Port	4 serial port sockets (2 TTL +2232), of which 1 is a Bluetooth multiplexed serial port		
Network Support	Ethernet WIFI		
Memory Card	Supports SD cards		
RTC	Supports		
System Upgrade	Supports local SD USB upgrades		

*(Row group label, rotated at left: **Functional configuration**)*

Product Rendering：
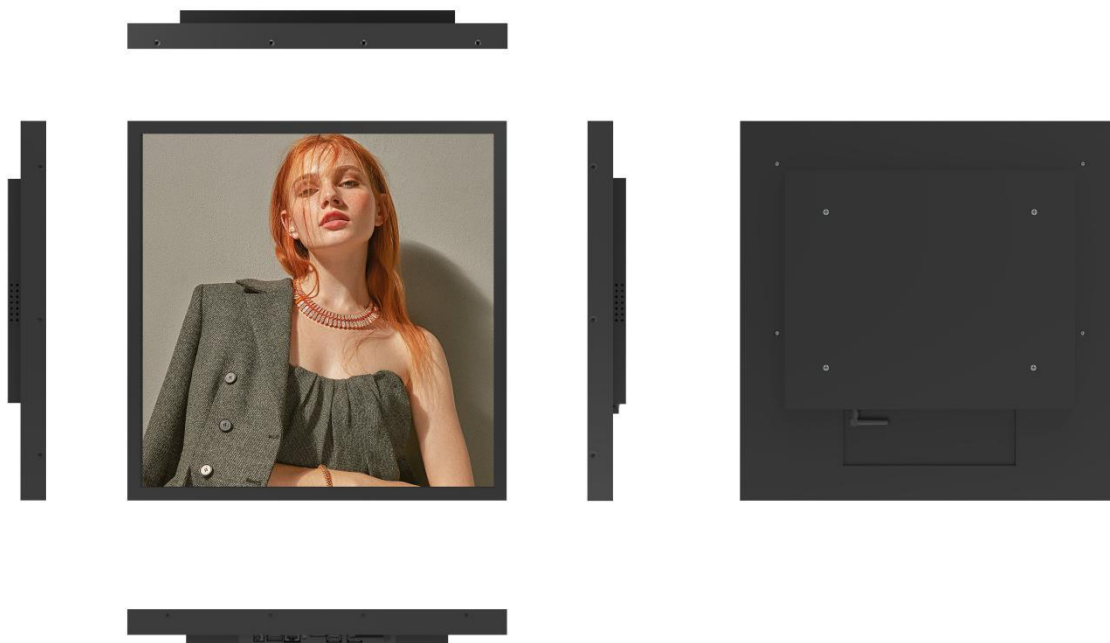
Product Dimension Drawing:

Resolution:1900*1900

571±1.0
542.2 (AA)

571±1.0
542.2 (AA)

active center

50±0.5
25

400
300
300
220
4-M6

Switch
AC220V
HDMI IN
RJ45
USB
USB
WIFI

1. Unit: mm
2. Display area: 542.2 * 542.2mm
3. Resolution: 1900 * 1900
4. Brightness: 400 cd/m² (TYP)
5. Visual angle: 178 °
6. Storage temperature: -20 ° C~50 ° C Storage humidity: 10-80% RH
7. Working temperature: 0 ° C~50 ° C Working humidity: 10-80% RH

Third perspective

General tolerance unit: mm	F	M	Model type	G298BYK00-D01		Version	A0	Material	
0——200	±0.3		Part Number			Page		29.8″complete machine	
200—500	±0.5								
500—800	±0.7		Drawing No						
800—1200	±1.0								
1200—	±1.5		Design		To examine		Ratify		Date	2025/05/26