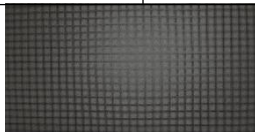
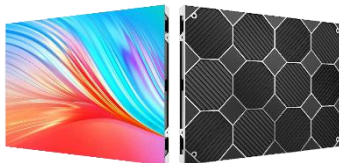




SPECIFICATIONS

Product name	VG1.53 – 640*480mm
Product model	Indoor - VG1.53

Approved by	Checked by	Drawn by
Chief engineer office	R&D department	Product department
Andy Zha	Yongqiang Gu	Longfei LI
Version NO: V1.0		
Release Date: 2022-9-1		

Model		VG1.53	LED type	SMD1212	
(1) LED chip					
No.	Color		Iv(mcd) Typ	λd(nm) Typ	LED brand
1	Red (Test under: 5mA, 2.0V)		22mcd	620nm	
2	Green (Test under: 2mA, 3.0V)		38mcd	530nm	
3	Blue (Test under: 2mA, 3.0V)		5mcd	470nm	
(2) Package			To achieve the best white balance setting, the ratio of brightness for the three colors is required 3:6:1 roughly.		
1	LED type		SMD1212		
2	Pixel pitch		1.538mm		
3	Pixel configuration		1R1G1B		
(3) LED module		 			
1	Module resolution (W×H)		208*104 pixels		
2	Module dimension (W×H)		320mm×160mm		
(4) LED cabinet					
1	Cabinet resolution (W×H)		416*312 pixels		
2	Module arrangement (W×H)		2×3		
3	Cabinet flatness		≤0.1mm		
4	Cabinet dimensions(W×H×D)		640mm×480mm×48.5mm		
5	Cabinet weight		G.W. 7.5kg		
6	Installation		Mount on bracket/wall surface		
7	Serviceability		Front-access		
(5) LED display					

1	Physical density	422,500 dots/m ²
2	Brightness (White color temperature 6,500K)	300-600cd/ m ² (adjustable)
3	Viewing angle (H/V)	110°/110°
4	Screen flatness	≥98%
5	Chromaticity uniformity	±0.003
6	Contrast ratio(max)	5,000:1
7	IP rating	IP45
(6) Control system		
1	Color depth	R,G,B≥16bit
2	Driving mode	1/52S
3	Frame rate	60fps
4	Refresh rate	≥3,840Hz
5	Color temperature	2,000K- 9,500K (adjustable)
6	Brightness adjustment	Manual/Automatic/Remote (programming) control
7	Pixel-level calibration	Calibration done according to brightness and colorfulness
8	Control method	Synchronous
9	Control distance	CAT5 cables, or optical fiber if >100m
10	OS platform	Windows 7/8/10/11
11	Input signal interface	HDMI, DVI
(7) Screen operation		
1	Input voltage	AC: 110V-240V, 50-60Hz
2	Max. power consumption	≤600W/m ²
3	Ave. power consumption	165W//m ² - 260W/m ²
4	Continuous working time	≥7×24hrs
5	MTBF	≥10,000hrs
6	LED lifetime (max)	100,000hrs
7	Discrete LED failure rate	≤0.0001 (factory settings: 0)
8	Constant LED failure rate	0
9	Overall LED failure rate	≤0.0001 (factory settings: 0)
10	Screen temperature rise	≤5°C
11	Operating environment - Temperature	-10°C- +60°C
12	Operating environment - Humidity	35% - 75%RH (no condensation)

Note: All technical parameters given may vary due to specific/real situation. All such specific parameters should be referred to according to those on the contract documents.