

DG-Professional Digital Signage

DG03-A1W32
DG03-A1W50

DG03-A1W43
DG03-A1W55



Features



ADS PID Panel

178° large viewing angle and fast response, high color revivification degree, no ripple distortion under pressure.



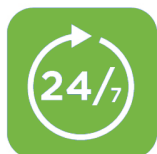
High Brightness Anti-glare Display

High brightness anti glare display brightness and 25% haze surface treatment, improve content visibility in any indoor lighting.



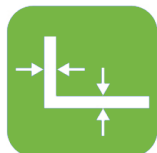
4K Resolution

4 times higher than FHD, deliver content more realistic.



Reliable Long Lifespan Display

Reliable long lifespan display operation and 50,000hrs lifetime, convey business messages impactfully all the time.



Narrow Even Bezel Design

Increase screen immersive display experience.



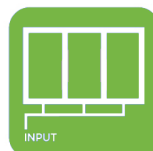
Landscape & Portrait Installation

Design with vesa-mount hole, offer more product installation methods and content display possibilities.



Clean-cable Chain Design

Easy to install and maintain.



Built-in VDW Mode

Support up to 5x5 video wall matrix.



Smart Cast

Built-in Wi-Fi, easy to distribute content wirelessly.



Security Lock

Remote controller and key button can be locked, avoid operating by unauthorized person.



Engineering Setting

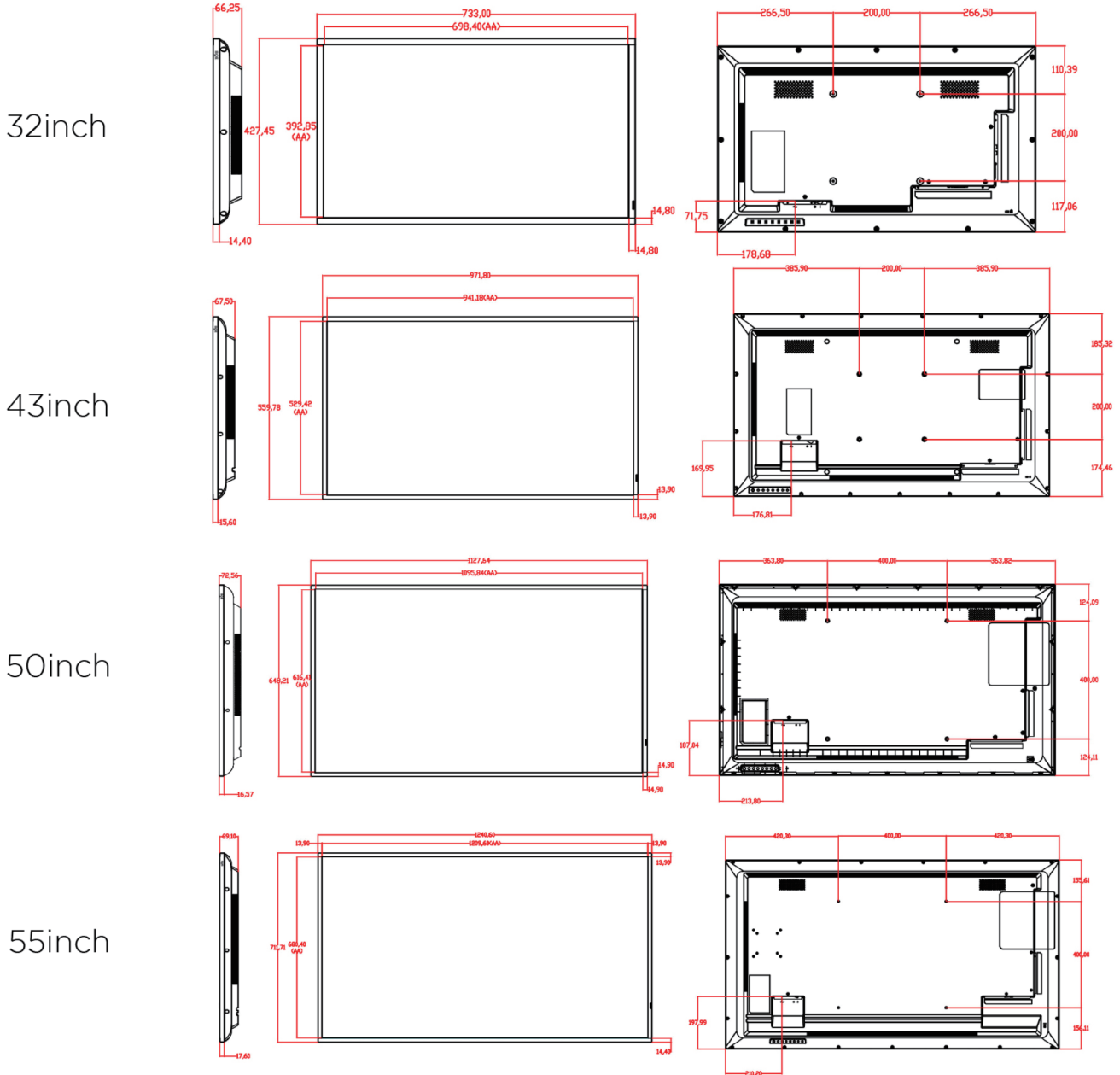
Support default power-on and USB cloning settings.



OTA (Over the Air) Upgrade

Built-in Wi-Fi, easy to upgrade firmware.

Dimension



Connectivity

Rightside



Downside



Specifications

Model Name	DG03-A1W32	DG03-A1W43	DG03-A1W50	DG03-A1W55
Display				
Screen Size (Diagonal)	32 inch	43 inch	50 inch	55 inch
LCD Type	ADS	ADS	VA	ADS
Native Resolution	1920×1080	3840×2160	3840×2160	3840×2160
Aspect Ratio	16:9	16:9	16:9	16:9
Brightness	500nits (Typ.)	500nits (Typ.)	500nits (Typ.)	500nits (Typ.)
Backlight	D-LED	D-LED	D-LED	D-LED
Static Contrast	1200:1 (Typ.)	1200:1 (Typ.)	5000:1 (Typ.)	1200:1 (Typ.)
Reponse Time (G to G)	8ms (Typ.)	8ms (Typ.)	8ms (Typ.)	8ms (Typ.)
View Angle (H/V,CR>10)	178°/178°	178°/178°	178°/178°	178°/178°
Colour Depth	16.7M (8bit)	1.07G (8bit+FRC)	1.07G (8bit+FRC)	1.07G (8bit+FRC)
Colour Gamut	CIE1931 NTSC72% (Typ)	CIE1931 NTSC72% (Typ)	CIE1931 NTSC72% (Typ)	CIE1931 NTSC72% (Typ)
Surface Treatment	Haze 25%, 3H	Haze 25%, 3H	Haze 1%, 3H	Haze 25%, 3H
Installation Orientation	Landscape & Portrait	Landscape & Portrait	Landscape & Portrait	Landscape & Portrait
Operation Hours (Hours/Day)	24/7	24/7	24/7	24/7
Life Time (BLU)	50,000Hrs	50,000Hrs	50,000Hrs	50,000Hrs
MTBF	30,000Hrs (Min.)	30,000Hrs (Min.)	30,000Hrs (Min.)	30,000Hrs (Min.)
SoC				
CPU	ARM Quad Core Cortex-A53, up to 1.5GHz	ARM Quad Core Cortex-A53, up to 1.5GHz	ARM Quad Core Cortex-A53, up to 1.5GHz	ARM Quad Core Cortex-A53, up to 1.5GHz
GPU	ARM Mali-G52 2EE MC1	ARM Mali-G52 2EE MC1	ARM Mali-G52 2EE MC1	ARM Mali-G52 2EE MC1
Memory	2GB (DDR3)	2GB (DDR3)	2GB (DDR3)	2GB (DDR3)
Storage	16GB (EMMC)	16GB (EMMC)	16GB (EMMC)	16GB (EMMC)
O/S	Android 9.0 (AOSP)	Android 9.0 (AOSP)	Android 9.0 (AOSP)	Android 9.0 (AOSP)
Connectivity				
HDMI IN	×2 (HDMI2.0, HDCP 2.2/1.4)	×2 (HDMI2.0, HDCP 2.2/1.4)	×2 (HDMI2.0, HDCP 2.2/1.4)	×2 (HDMI2.0, HDCP 2.2/1.4)
AV IN	×1 (3IN1)	×1 (3IN1)	×1 (3IN1)	×1 (3IN1)
AUDIO IN	×1 (Common used with AV IN)	×1 (Common used with AV IN)	×1 (Common used with AV IN)	×1 (Common used with AV IN)
AUDIO OUT	×1 (3.5mm Stereo jack)	×1 (3.5mm Stereo jack)	×1 (3.5mm Stereo jack)	×1 (3.5mm Stereo jack)
RS232 IN	×1 (DSUB9)	×1 (DSUB9)	×1 (DSUB9)	×1 (DSUB9)
USB	×2 (USB 2.0 Type A)	×2 (USB 2.0 Type A)	×2 (USB 2.0 Type A)	×2 (USB 2.0 Type A)
Memory Card Slot	×1 (Micro SD)	×1 (Micro SD)	×1 (Micro SD)	×1 (Micro SD)
LAN	×1 (RJ45)	×1 (RJ45)	×1 (RJ45)	×1 (RJ45)
WiFi/Bluetooth	Yes (2.4GHz, 802.11 b/g/n) / Yes (BT4.2)	Yes (2.4GHz, 802.11 b/g/n) / Yes (BT4.2)	Yes (2.4GHz, 802.11 b/g/n) / Yes (BT4.2)	Yes (2.4GHz, 802.11 b/g/n) / Yes (BT4.2)
Sound				
Built-in Speaker	10W×2 (6Ω)	10W×2 (6Ω)	10W×2 (6Ω)	10W×2 (6Ω)
Power				
Power Supply	AC 100~240V@50/60Hz	AC 100~240V@50/60Hz	AC 100~240V@50/60Hz	AC 100~240V@50/60Hz
Power Consumption	≤95W	≤170W	≤230W	≤250W
Power Consumption (Standby)	<0.5W	<0.5W	<0.5W	<0.5W
Mechanical				
Colour/Material	Frame: Black/Aluminum Backcover: Black/SGCC	Frame: Black/Aluminum Backcover: Black/SGCC	Frame: Black/Aluminum Backcover: Black/SGCC	Frame: Black/Aluminum Backcover: Black/SGCC
Bezel Width	14.8mm (L/R/T/B)	13.9mm (L/R/T/B)	14.9mm (L/R/T/B)	13.9mm (L/R/T) 14.4mm (B)
Set Outline Dimension (W×H×D)	733.5×428.6×66.3mm	971.8×559.8×67.5mm	1127.7×648.2×72.6mm	1240.6×711.2×69mm
Set Weight	5.2±0.5KG	9.0±0.5KG	13.6±0.5KG	14.5±0.5KG
Carton Outline Dimension (W×H×D)	823×545×132mm	1070×690×139mm	1245×148×790mm	1370×850×156mm
Packed Weight	7.2±0.5KG	12.0±0.5KG	17.7±0.5KG	19.4±0.5KG
VESA Mounting Interface				
Environment				
Operation Temperature	0°C~40°C	0°C~40°C	0°C~40°C	0°C~40°C
Operation Humidity	20%~80% RH	20%~80% RH	20%~80% RH	20%~80% RH
Storage Temperature	-10°C~60°C	-10°C~60°C	-10°C~60°C	-10°C~60°C
Storage Humidity	20%~80% RH	20%~80% RH	20%~80% RH	20%~80% RH