Digital Signage (24h)

DG03-A1W32 | DG03-A1W43 | DG03-A1W50 | DG03-A1W55

Key Features

ADS PID Panel

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

High Brightness Anti-glare Display

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

4k Resolution

4 times higher than FHD, deliver content more realistic.

Reliable Long Lifespan Design

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 & Potrait Installation

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

Clean-cable Chain Design

Eazy to install and maintain.

Builtin-in VDW Mode

Support up to 5x5 video wall matrix.

BOE Cast

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

Security Lock

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

Engineering Setting

Support deafult power-on and USB cloning settings.

OTA (Over The Air) Upgrade

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

Specifications

| Display				
Model Name	DG03-A1W32	DG03-A1W43	DG03-A1W50	DG03-A1W55
Screen SIze (Diagonal)	32 inch	43 inch	50 inch	55 inch
LCD Type	ADS	ADS	VA	ADS
Native Resolution	1920x1080	3840x2160 (Horizontal) 1920x1080 (vertical)	3840x2160 (Horizontal) 1920x1080 (vertical)	3840x2160 (Horizontal) 1920x1080 (vertical)
Aspect Ratio	16:9	16:9	16:9	16:9
Brigntness	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.)	500:1 (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)

| Display				
Model Name	DG03-A1W32	DG03-A1W43	DG03-A1W50	DG03-A1W55
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 & Potrait	Landscape & Potrait	Landscape & Potrait	Landscape & Potrait
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 1.5Hz	ARM Quad Core Cortex-A53, up to 1.5Hz	ARM Quad Core Cortex-A53, up to 1.5Hz	ARM Quad Core Cortex-A53, up to 1.5Hz
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	x2 (HDMI1.0,HDCP 2.2/1.4)	x2 (HDMI1.0,HDCP 2.2/1.4)	x2 (HDMI1.0,HDCP 2.2/1.4)	x2 (HDMI1.0,HDCP 2.2/1.4)
AV IN	x1 (3IN1)	x1 (3IN1)	x1 (3IN1)	x1 (3IN1)
Audio In	x1 (Common used with AV IN)	x1 (Common used with AV IN)	x1 (Common used with AV IN)	x1 (Common used with AV IN)
Audio Out	x1 (3.5mm Stereo jack)	x1 (3.5mm Stereo jack)	x1 (3.5mm Stereo jack)	x1 (3.5mm Stereo jack)
RS232 IN	x1 (DSUB9)	x1 (DSUB9)	x1 (DSUB9)	x1 (DSUB9)
USB	x2 (USB 2.0 Type A)	x2 (USB 2.0 Type A)	x2 (USB 2.0 Type A)	x2 (USB 2.0 Type A)
Memory Card Slot	x1 (Micro SD)	x1 (Micro SD)	x1 (Micro SD)	x1 (Micro SD)
LAN	x1 (RJ45)	x1 (RJ45)	x1 (RJ45)	x1 (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 x 2 (6Ω)	10W x 2 (6Ω)	10W x 2 (6Ω)	10W x 2 (6Ω)
Power				
Power Supply	AC 100~240V @50/50Hz	AC 100~240V @50/50Hz	AC 100~240V @50/50Hz	AC 100~240V @50/50Hz
Power Consumption	≤95W	≤170W	≤230W	≤250W
Power Consumption (Standby)	<0.5W	<0.5W	<0.5W	<0.5W
Mechanical				
Colour/Material	Frame: Black/Aluminium Backcover: Black/SGCC	Frame: Black/Aluminium Backcover: Black/SGCC	Frame: Black/Aluminium Backcover: Black/SGCC	Frame: Black/Aluminium Backcover: Black/SGCC
Bezel Width	14.8mm (L/R/T/B)	13.9 (L/R/T/B)	14.9mm (L/R/T/B)	13.9mm (L/R/T/B)
Set Outline Dimension (WxHxD)	733.5x428.6x66.3mm	971.8x559.8x67.5mm	1127.7x648.2x72.6mm	1240.6x711.2x69mm
Set Weight	5.2±0.5KG	9.0±0.5KG	13.6±0.5KG	14.5±0.5KG
Carton Outline Dimension (WxHxD)	823x545x132mm	1070x690x139mm	1245x148x1790mm	1370x850x156mm
Packed Weight	823x545x132mm	1070x690x139mm	1245x148x1790mm	1370x850x156mm
VESA Mounting Interface	Fixed with support bracket	Fixed with support bracket	Fixed with support bracket	Fixed with support bracket
Environment				
Operation Temperature	0℃~40℃	0℃~40℃	0℃~40℃	0℃~40℃
Operation Humidity	20%~80% RH	20%~80% RH	20%~80% RH	20%~80% RH
Storage Temperature	-10℃~60℃	-10℃~60℃	-10℃~60℃	-10℃~60℃
Storage Humidity	20%~80% RH	20%~80% RH	20%~80% RH	20%~80% RH

Dimensions

32 inch
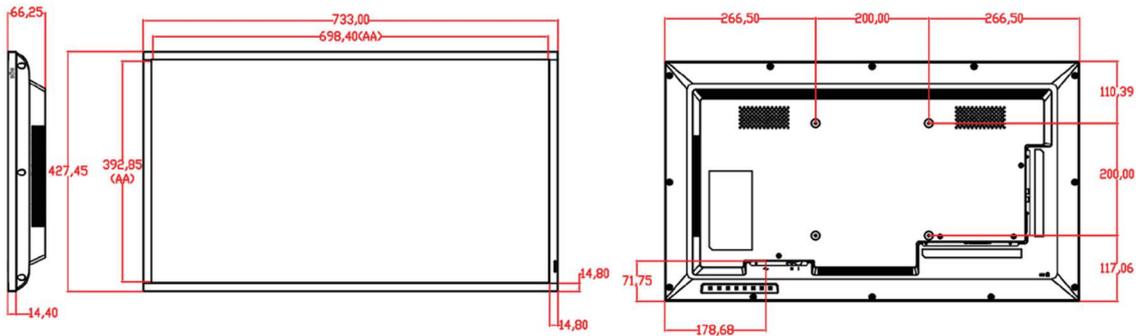
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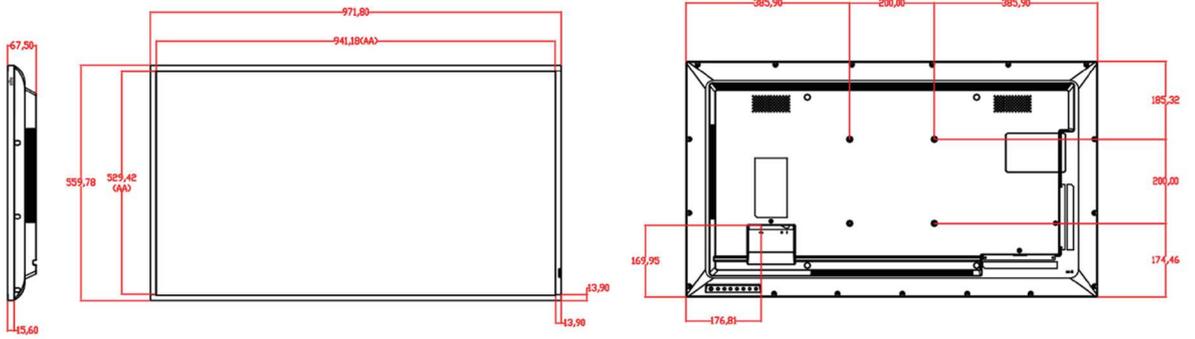
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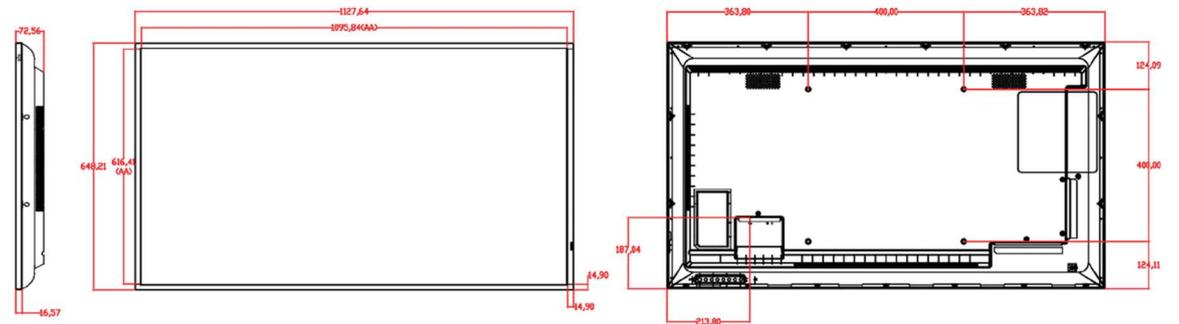
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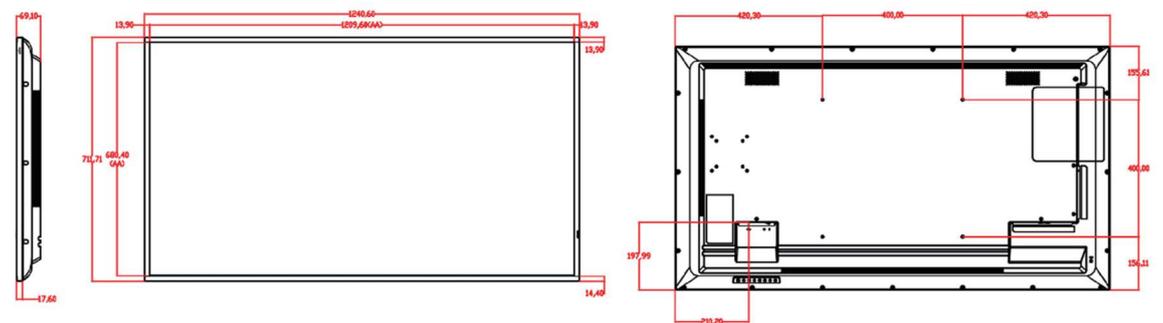
Connectivity

Right side

Down side

Applications

Supermarket

Mall

Business Hall

Other Industry

ZK DIGIMAX
Digital Signage