

DS-D5050U3-1V0S(US)
50 inch UHD 60Hz VA Monitor



- 4K (3840 × 2160) resolution, providing a wider view and more fine detail
- VA technology, Wide view angle: Horizontal 178°, Vertical 178°
- Ultra-thin device body with ultra-thin border for 3 sides
- 3D noise reduction
- Multiple inputs: HDMI, VGA, USB

▪ Specification

Display	
Screen Size	50 inch
Active Display Area	1095.84 (H) mm × 616.41 (V) mm
Resolution	3840 × 2160
Backlight	D-LED
Pixel Pitch	0.2853 (H) mm × 0.2853 (V) mm
Brightness	300 cd/m ²
Viewing Angle	178°(H)/178°(V)
Color Depth	8 bit + FDR
Contrast Ratio	4000 : 1
Response Time	6.5 ms (typ)
Refresh Rate	60 Hz
Surface Treatment	Haze 25%, 3H
Reliability	7 × 24 H
Color Gamut	72% NTSC
Interface	
Video & Audio Input	HDMI × 3
Video & Audio Output	LINE OUT × 1, Speaker OUT × 2 (8Ω 10W)
Data Transmission Interface	USB2.0 × 1
Control Interface	RS232 IN × 1, RS232 OUT × 1
Speaker	8Ω10W
Power	
Power Supply	100-240 VAC, 50/60 Hz
Power Consumption	≤ 120 W
Standby Consumption	≤ 0.5 W
Working Environment	
Working Temperature	0 °C to 40 °C (32 °F to 104 °F)
Working Humidity	20% to 90% RH (Non-Condensing)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Storage Humidity	10% to 90% RH (Non-Condensing)
General	
Casing Material	Plastic
VESA	200 mm × 200 mm, 4-M6 × 8 screw holes
Bezel Width	1.2 mm (top/left/right), 17.36 mm (bottom)
Product Dimensions (W × H × D)	With base: 1110.9 (W) mm × 698.01 (H) mm × 231.08 (D) mm (43.74" × 27.48" × 9.1") Without base: 1110.9 (W) mm × 642.71 (H) mm × 80.2 (D) mm (43.74" × 25.3" × 3.16")
Package Dimensions (W × H × D)	1230 (W) mm × 787 (H) mm × 215 (D) mm (48.4" × 31.0" × 8.5")
Net Weight	9.7 ± 0.5 kg (21.4 ± 1.1 lb.)
Gross Weight	13.1 ± 0.5 kg (28.9 ± 1.1 lb.)
Packing List	Monitor × 1, base component × 1, user manual × 1, quick start guide × 1, Remote control × 1, HDMI cable (1.5 m) × 1, M4 Screw × 4 , M6 Screw × 4

Remarks	*The base is included by default. *The product appearance and parameters in this specification may vary from your actual device. Please consult our local sales staff for further information.
Bracket	
Modular Bracket	DS-DM4255W

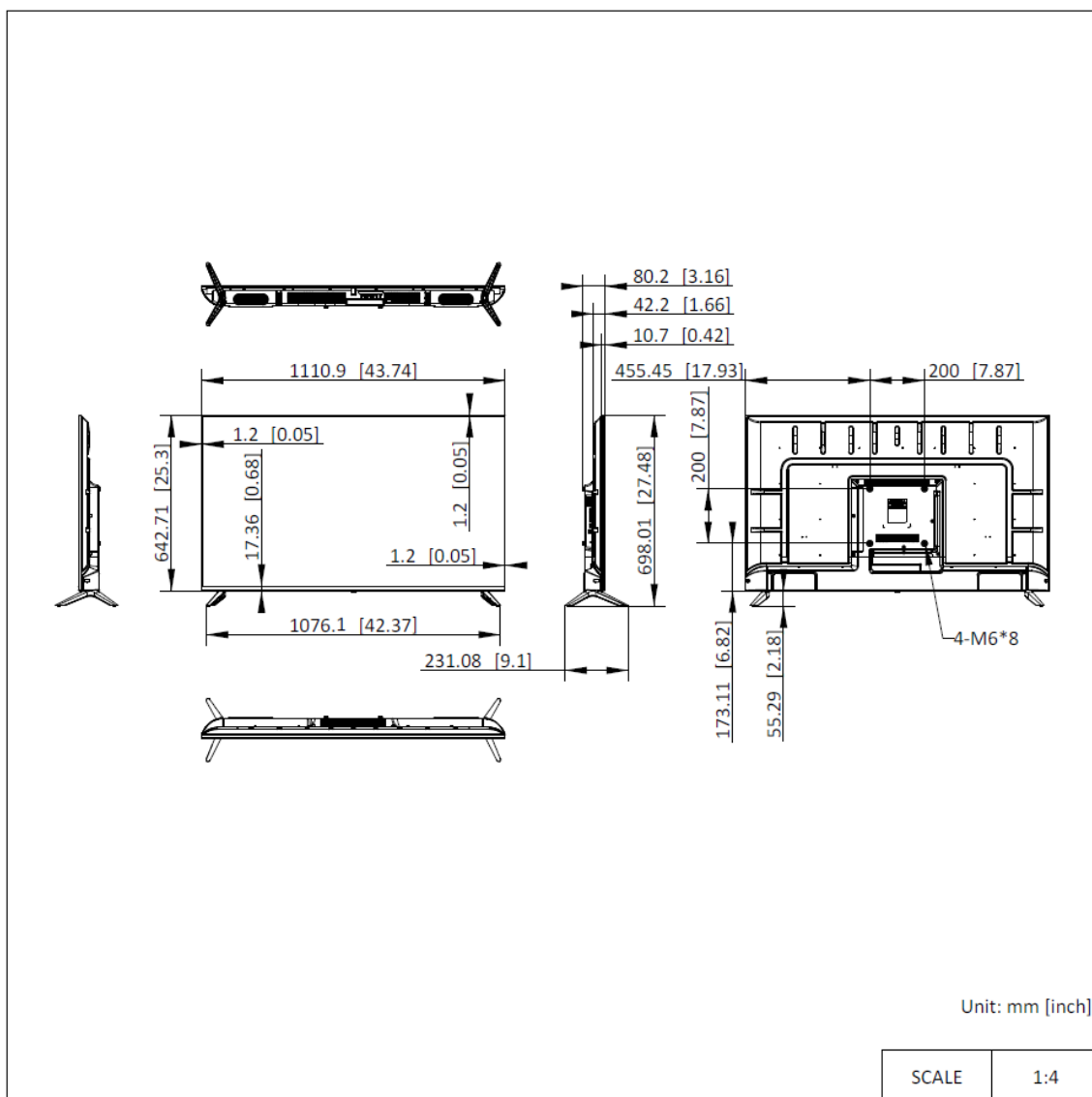
▪ Physical Interface

Interface	Description	Interface	Description
AC	AC,100-240V~,50/60Hz,1.0 A Max,input interface	HDMI	HDMI 1.4 digital signal input interface
USB	USB2.0,input interface	Audio output	3.5mm Audio output interface
RS232-IN	RS232-IN,input interface	RS232-OUT	RS232-OUT,output interface

▪ Available Model

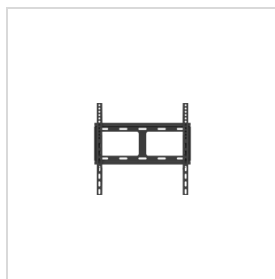
DS-D5050U3-1V0S

▪ Dimension



- Accessory
- Optional

DS-DM4255W
Wall-mounted
Bracket



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