

DS-D5224F3-1V0SV/D
24 inch FHD Decoder Monitor



- Resolution 1920 × 1080 (16:9 aspect ratio)
- Support H.265、H.264、MPEG4、MJPEG video codec
- Support PS, RTP (H.265, H.264, MJPEG, MPEG2-TS)
- Maximum 16CH Video Decoding Channel
- 1-screen layout support max. 32MP
- Support ONVIF, RTSP camera protocol
- Dual interface with HDMI, USB 2.0, RJ45
- Support local UI, Web UI,

▪ Specification

Video Decoding	
Video Decoding Format	H.264 , H.265 , Smart264 , Smart265 , MJPEG
Decoding Resolution	Max. 32 MP
Video Decoding Channel	Max 16CH
Video Decoding Capability	1) H.264/H.265 format: Supports decoding 1-channel 32 MP/24 MP, 2-channel 12 MP, 4-channel 8 MP, 5-channel 6 MP, 9-channel 4 MP, 16-channel 1080p and lower resolution @ 30 fps in real time. 2) MJPEG format: Supports decoding 4-channel of 1080p and lower resolution @ 25 fps in real time. 3) HIK264 format: Supports decoding 1-channel of 720p and lower resolution @ 25 fps in real time.
Encrypted Stream Decoding Channel	Max 16CH
Encrypted Stream Decoding Capability	1) H.264/H.265 format: Supports decoding 1-channel 32 MP/24 MP, 2-channel 12 MP, 4-channel 8 MP, 5-channel 6 MP, 9-channel 4 MP, 16-channel 1080p and lower resolution @ 30 fps in real time. 2) MJPEG format: Supports decoding 4-channel of 1080p and lower resolution @ 25 fps in real time. 3) HIK264 format: Supports decoding 1-channel of 720p and lower resolution @ 25 fps in real time.
Screen Split Quantity	1,4,6,8,9,16
Scene Quantity	4
Contingency Plan Quantity	1
Audio Decoding	Supported
Display	
Screen Size	23.8 inch
Active Display Area	527.04 (H) mm × 296.46 (V) mm
Resolution	1920 × 1080@60Hz
Backlight	E-LED
Pixel Pitch	0.2745 (H) mm × 0.2745 (V) mm
Brightness	300 cd/m ²
Viewing Angle	178°(H)/178°(V)
Color Depth	8 bit
Contrast Ratio	4000 : 1
Response Time	7 ms (typ)
Refresh Rate	60 Hz
Surface Treatment	Haze 25% , 3H
Reliability	7 × 24h
Color Gamut	72% NTSC
Interface	
Video & Audio Input	HDMI × 1, 1080X720@100Hz
Video & Audio Output	Audio out × 1

Data Transmission Interface	USB2.0 × 2
Network Interface	1 × 1000Base-T/100Base-TX/10Base-T adaptive Ethernet (RJ-45)
Control Interface	UART × 1
Power	
Power Supply	DC 12V, 2.5A
Power Consumption	≤ 30 W
Standby Consumption	≤ 0.5 W
Working Environment	
Working Temperature	0 °C to 40 °C (32 °F to 104 °F)
Working Humidity	20% to 80% 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	75 mm × 75 mm, (4-M4 × 6mm)
Bezel Width	2 mm (top/left/right), 23.55 mm (bottom)
Product Dimensions (W × H × D)	With base: 539.7 (W) mm × 423.16 (H) mm × 196 (D) mm (21.25" × 16.66" × 7.72") Without base: 539.7 (W) mm × 327.33 (H) mm × 43.5 (D) mm (21.25" × 12.89" × 1.71")
Package Dimensions (W × H × D)	611 (W) mm × 405 (H) mm × 118 (D) mm (24.06" × 15.94" × 4.65")
Net Weight	2.62 ± 0.5 kg (5.78 ± 1.1 lb.)
Gross Weight	3.82 ± 0.5 kg (8.42 ± 1.1 lb.)
Packing List	Monitor ×1, base assembly ×1, basescrew (hex socket) ×1, hex wrench ×1, adapter (12V 3A) ×1, mouse (1.5m) ×1, HDMI cable (1.5m) ×1, user manual ×1, multilingual manual ×1
Speaker	Speaker × 2 (4Ω , 2W)
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.

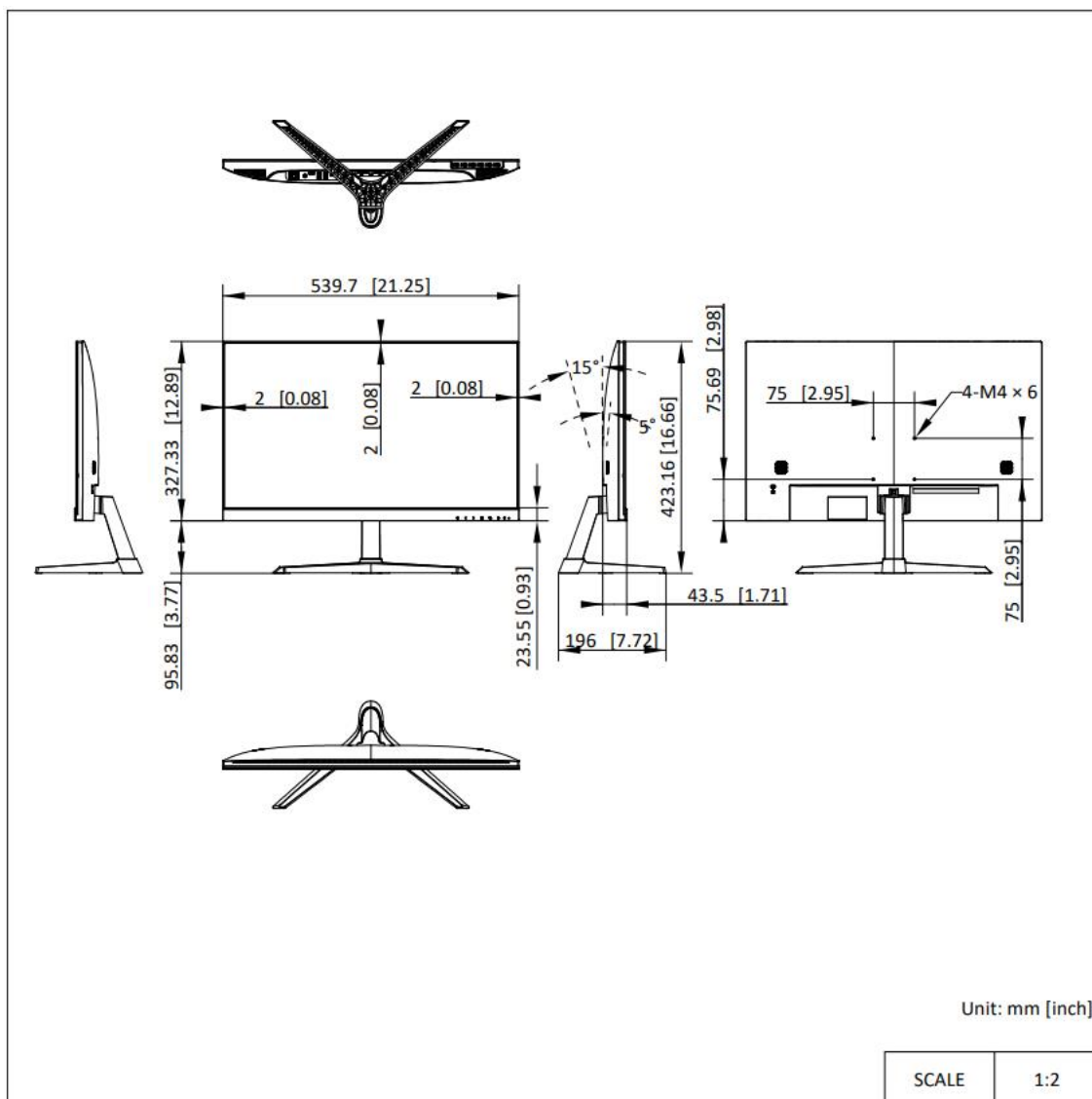
*DS-D5224F3-1V0SV/D

▪ Physical Interface

Interface	Description	Interface	Description
DC	DC 12V/2.5A power input interface	HDMI	HDMI 1.4 digital signal input interface
USB	USB2.0 interface	USB	USB2.0 interface
CONSOLE	UART debug interface	Audio OUT	3.5mm Audio output interface
RJ45	1000Base-T/100Base-TX/10Base-T adaptive Ethernet		

DC **HDMI** USB USB CONSOLE ↻ RJ45

▪ Dimension



▪ Accessory

▪ Optional

DP-D501940-1X1-Q	
1-NW-Q0.1-TY/V20	DS-DM1940W
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