



Hikvision DS-D5027F3-2P2

· Specification summary



Device class	27 inch FHD 100Hz IPS Monitor
Panel technology	IPS panel technology as listed by the manufacturer.
Screen diagonal	27 inches
Active display area	597.888 mm horizontal × 336.312 mm vertical
Display resolution	FHD, 1920 × 1080 pixels
Backlight	E-LED
Pixel pitch	0.3114 mm horizontal × 0.3114 mm vertical
Brightness	300 cd/m ² as a manufacturer reference; confirm the viewing environment.
Viewing angle	178° horizontal / 178° vertical as documented.
Colour depth	8 bit, 16.7 million colours as documented.
Contrast ratio	1300:1 as documented.
Response time	14 ms typical; confirm the application and display settings.
Refresh rate	100 Hz as listed; confirm the supported input timing and source device.
Colour gamut reference	72% NTSC as documented; confirm colour-critical requirements separately.
Manufacturer duty reference	7 × 24 hours is listed in the reliability row; confirm operating conditions and maintenance. This is not a warranty term.
Video inputs	One HDMI 1.4 input and one VGA input. Check the selected source output and timing.
Audio line output	One Line-Out; the physical-interface table identifies it as a 3.5 mm audio output. Confirm the external audio equipment.
DC supply reference	DC 12 V, 2.5 A maximum as documented; confirm the appropriate adapter and local mains plug.
Power consumption	Up to 30 W as documented.
Standby consumption	Up to 0.5 W as documented.
Operating temperature	0 °C to 40 °C
Operating humidity	10%–90% RH, non-condensing
Storage temperature	-20 °C to 60 °C
Storage humidity	5%–90% RH, non-condensing
Casing	Plastic

Mounting pattern	VESA 100 mm × 100 mm; the source specifies 4-M4 × 10 mm. Confirm bracket fit, screw engagement, load and clearances for the actual installation.
Bezel width	0.12 inch top/left/right and 0.87 inch bottom as printed.
Dimensions without base	24.16 W × 14.5 H × 1.87 D inches as printed. Allow additional connector and mounting clearance.
Dimensions with base	24.16 W × 18.56 H × 7.6 D inches as printed. Check the supporting surface and cable clearance.
Package dimensions reference	27.01 W × 17.72 H × 5.04 D inches as printed; confirm the actual shipping carton.
Weight reference	Net 3.45 ± 0.5 kg; gross 4.90 ± 0.5 kg as documented. Confirm actual packaging for transport.
Manufacturer package reference	The edition lists a monitor, base component, base screw, hex key, 12 V 2.5 A adapter, 1.5 m HDMI cable and manuals. Verify the local package before ordering.
Low-blue-light design	A low-blue-light design is listed. Ask for any required certification separately.
Image processing	3D noise reduction is listed for the display.
Optional wall-mount accessory	DS-DM1940W is listed as optional; confirm the mounting combination and supplied accessories.

Specifications are summarised from the manufacturer's published information (checked 2026-10-22). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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