Hikvision DS-D2046NH-C

46-inch 3.5mm LCD Display Unit · Specification summary



Screen Size	46 inch
Active Display Area	1018.08 (H) mm × 572.67 (V) mm
Backlight	Direct-lit LED backlight
Pixel Pitch	0.53 mm
Physical Seam	3.5 mm
Bezel Width	2.3 mm (top/left), 1.2 mm (bottom/right)
Resolution	1920 × 1080 @ 60 Hz
Brightness	700 cd/m²
Viewing Angle	Horizontal 178°, vertical 178°
Color Depth	8 bit, 16.7 M
Contrast Ratio	3500:1
Response Time	8 ms (G to G)
Color Gamut	72% NTSC
Surface Treatment	Haze 25%, 2H
Video & Audio Input	HDMI × 1, DVI × 1, VGA × 1, CVBS × 1, USB × 1
Video & Audio Output	DVI × 1, VGA × 1, CVBS × 1
Control Interface	RS232 IN × 1, RS232 OUT × 1
Power Supply	100-240 VAC, 50/60 Hz
Power Consumption	≤ 139 W
Standby Consumption	≤ 0.5 W
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 65°C (-4°F to 149°F)
Storage Humidity	5% to 90% RH (non-condensing)
Casing Material	SECC
Mounting Hole Pitch	600 (H) mm × 400 (V) mm
Product Dimension (W × H × D)	1021.98 mm × 576.57 mm × 72.2 mm (40.24'' × 22.7'' × 2.84'')

Package Dimension (W × H × D)	Carton with two displays: 1214 mm × 783 mm × 414 mm (47.8'' × 30.83'' × 16.3''); carton with a single display: 1214 mm × 783 mm × 414 mm (47.8'' × 30.83'' × 16.3'')
Net Weight	18.91 ± 0.5 Kg (41.69 ± 1.1 lb) for single display
Gross Weight	Carton with two displays: 47.02 ± 0.5 Kg (103.66 ± 1.1 lb); carton with a single display: 25.75 ± 0.5 Kg (56.77 ± 1.1 lb)
Packing List	LCD display × 1, power cable × 1, network cable × 1, screw × 4, installation instruction × 1, remote control × 1, IR receiver × 1, CD-ROM × 1, RS-232 converter × 1

Specifications are summarised from the manufacturer's published information (checked 2026-11-02). 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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