



Hikvision DS-D2046EL-0A

· Specification summary

Device class	LCD Display
Screen size	46 inch
Active display area	1018.08 mm (horizontal) × 572.67 mm (vertical); not the complete panel dimensions
Backlight	Direct-lit LED backlight
Physical seam	1.7 mm, as listed; not the width of each individual bezel edge
Bezel width	1.2 mm (top/left), 0.5 mm (bottom/right)
Native resolution	1920 × 1080 at 60 Hz, downward compatible; 4K input capability does not make the panel native 4K
Brightness	500 cd/m ² as listed
Viewing angle	178° horizontal, 178° vertical
Contrast ratio	1200:1
Response time	8 ms
Video and auxiliary input declaration	VGA × 1, HDMI × 1, DVI × 1 and DP × 1. USB × 1 is also listed; the physical-interface page marks USB and LAN as reserved. No USB media or LAN video/control function is assumed.
HDMI output	HDMI × 1
Control interfaces	RS-232 IN × 1 and RS-232 OUT × 1; confirm the control topology and protocol
Signal handling declaration	4K signal input and HDMI auto loop up to 30 screens are manufacturer-listed. Native display resolution remains 1920 × 1080; input timing, source equipment and the intended wall layout require confirmation.
Power input	100-240 VAC, 50/60 Hz
Power consumption	≤160 W as listed
Standby consumption	≤0.5 W
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating humidity	20% RH to 80% RH (non-condensing)
VESA pattern	600 mm (horizontal) × 400 mm (vertical); matching a hole pattern alone does not approve a bracket
Panel dimensions in specification table (W × H × D)	1021.18 × 575.77 × 78.31 mm. Not an installed wall/bracket clearance envelope.
Package dimensions (W × H × D)	1159 × 725 × 310 mm; carton dimensions, not panel or installed dimensions
Net weight	17.0 ± 0.5 kg for a single display
Gross weight	30.0 ± 0.5 kg for a carton with a single display

Optional mounting references	DS-DN4655W/U (wall-mounted bracket); DS-DN46C2M/B (modular base); DS-DN4601W (wall-mounted bracket); DS-DN4655W/U-T1 (wall-mounted bracket); DS-DN46T1M/F (modular frame part). Optional, not standard supplied accessories.
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Specifications are summarised from the manufacturer's published information (checked 2026-10-19). 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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