



# Each Pixel Captivates for Every View

Hikvision LCD Video Wall Display Mirror Series



**HIKVISION**<sup>®</sup>



## EACH PIXEL CAPTIVATES FOR EVERY VIEW

Hikvision's new Mirror Series LCD Displays provide users with versatile, flexible collaboration tools, powerfully designed for a host of everyday scenarios - from board rooms to ball rooms, from lecture halls to shopping malls, and so much more. Hikvision LCD Displays captivate you with every pixel, harnessing the power of our superb technologies such as better color uniformity, high brightness, and pixel-level color calibration, all integrated into a slim unit with a tiny bezel. With cutting edge tech and expansive usability, Hikvision LCDs will meet every display need you can imagine.



# WHAT MAKES THE MIRROR SERIES LCDS SO OUTSTANDING?



◀ Up to 30 pieces Daisy Chain ▶

### Clutter-free daisy chain

Hikvision LCDs support clutter free daisy chain on up to 30 pieces, along with 4K resolution for superior and economical video walls. Since there are no video splitters, users can connect the LCD screens together using common video and network cables. The displays will be spliced into a holistic view.

### Variable display modes

Hikvision LCDs offer three great display modes to present captivating viewing every time, all the time, by adjusting and optimizing parameters in line with a variety of display scenes. Wherever you go, vivid images will be there with you, too.

◀ 3 Display Modes ▶



#### Monitoring Mode

Enhanced image restoration, frame rates, and gray scale.



#### Presentation Mode

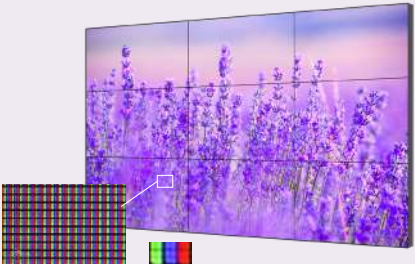
Better display consistency, text clarity, and smooth text edges.



#### Movie Mode

Improved color saturation and image contrast.

- 1 Take test picture
- 2 Analyze pixel color
- 3 Generate calibration parameters
- 4 Write data to chip
- 5 Color well calibrated



◀ Precise Color Calibration ▶

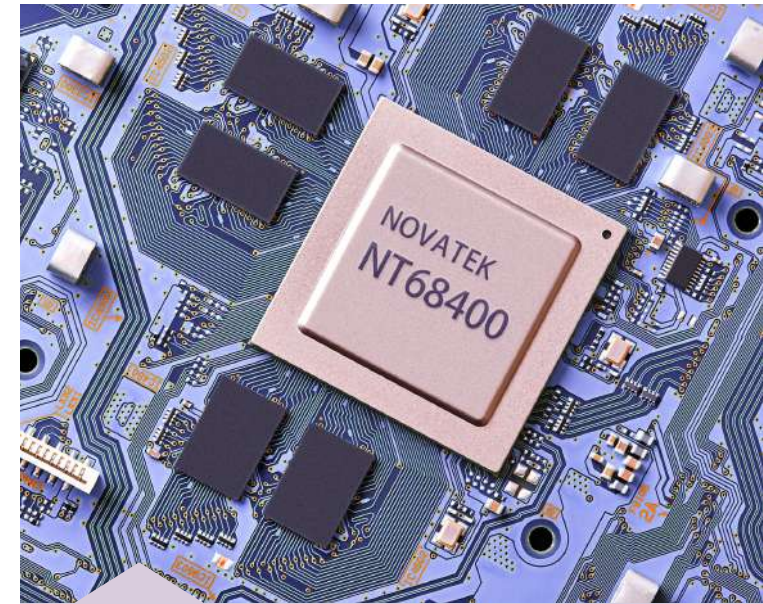
### True-to-life display

Precise color calibration brings you true-to-life colors and just the right brightness using pixel-by-pixel analysis. Flawless uniformity of color and brightness guarantees Hikvision's LCDs outstanding display performance.

# KEY FEATURES

## Razor-thin bezels at 0.44mm

Hikvision LCDs support extremely thin 0.44mm even bezel. Such narrow seams present content beautifully and uniformly.



## Superb 4K chip

Hikvision's LCDs use the industry-leading NOVATEK NT68400 chip for 4K signal source analysis and ultra-high-definition display.



## Flexible rotation

With standard installation, Hikvision LCDs also support 90-, 180-, and 270-degree display rotation, as well as vertical screen splicing without a video wall controller.



## EMC class B certification

Advanced design and manufacturing techniques empower Hikvision LCDs with high performance electro-magnetic protection, ensuring a better viewing experience.



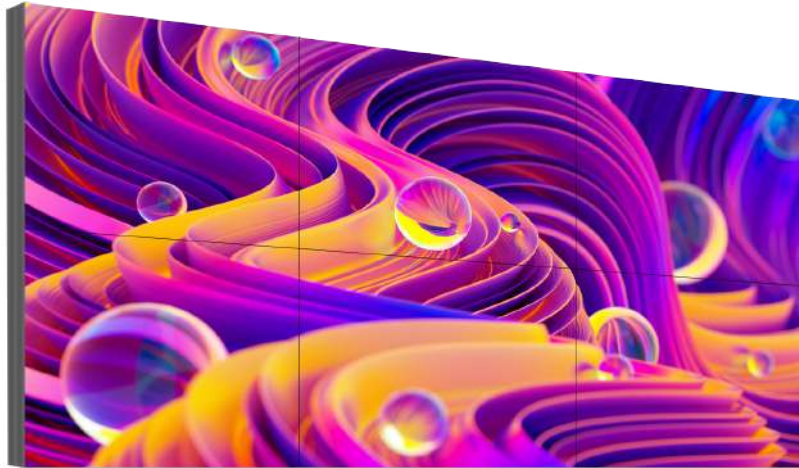
## Reduced haze and glare

Hikvision LCDs limit haze by up to 28%, which can effectively reduce specular reflection to sustain stress-free visual enjoyment.





# KEY FEATURES



## Effective heat dissipation

With intelligent temperature control, Hikvision LCDs let users preset the temperature threshold. Fan cooling begins automatically when temperatures reach the threshold. Stable performance and longer lifespan get a big boost.



## Lifelike viewing from any angle

The 178-degree viewing angle offers more installation flexibility, providing a wealth of space to present clear imaging wherever your viewer is standing.



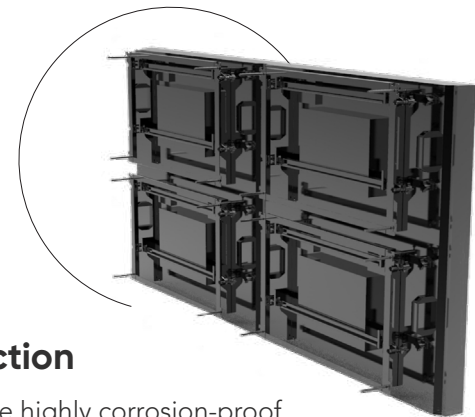
## All-day operation

Hikvision LCDs' industrial grade panels can run uninterrupted 24/7, promoting your content absolutely any hour you need it.



## Industry-leading color calibration

With industrial camera inspection, professional color contrast, and an intelligent pixel-level calibration algorithm, Hikvision LCDs present flawless color consistency and dazzling imaging on every screens.



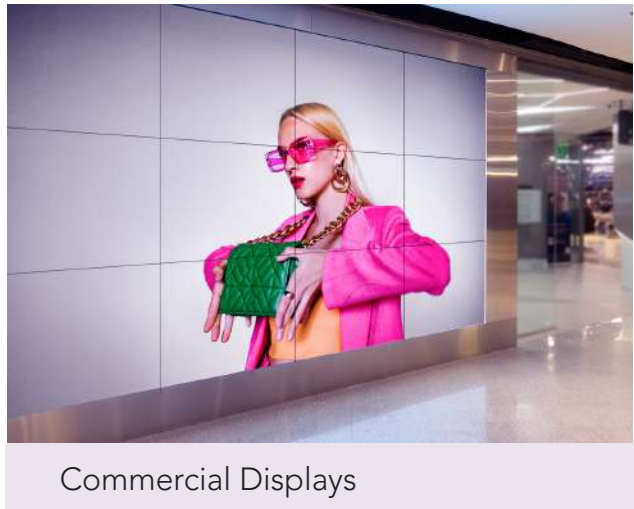
## Durable protection

Hikvision LCDs feature highly corrosion-proof brackets and quality construction for enhanced durability & protection. Moreover, clear wiring on the back side brings more convenience to installation and maintenance.

# APPLICATION SCENARIOS



Command Centers / Monitoring Center



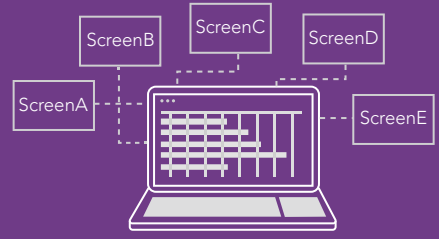
Commercial Displays



Conference Rooms

# SUPERIOR FEATURES

## Centralized Advertising Management







The multifunctional platform, HikCentral FocSign, enhances efficiency in ad making, enabling central management and remote maintenance functions that greatly improve operational efficiency and reduce labor costs.

## Creativity on Display





The LCDs can be creatively spliced into various shapes to show more dazzling content, offering more versatile space for designers and visual impact to customers.

# SPECIFICATIONS

Models		DS-D2046LU-Y	DS-D2049LU-Y	DS-D2055LU-Y	DS-D2055HU-Y
Image					
Display Specifications	Sizes (Diagonal)	46"	49"	55"	55"
	Backlight	LED Backlight (Direct Type)			
	Panel	IPS			
	Resolution	1920 x 1080			
	Number of Colors	16.7 Million			
	Viewing Angles	Horizontal : 178 degrees, Vertical: 178 degrees			
	Response Time	8 ms (G to G)			
	Contrast Ratio	1,200:1			
	Brightness	500 nits	500 nits	500 nits	700 nits
	Pixel Pitch (H x V)	0.53 x 0.53 mm	0.56 x 0.56 mm	0.63 x 0.63 mm	0.63 x 0.63 mm
	Color Saturation	72%			
Surface Treatment	Haze 25%, 3H				
Side Frame Size	Physical Seams	3.5 mm			
Interface	Input Interfaces	VGA x 1, HDMI x 1, DVI x 1, DP x 1, USB x 1			
	Output Interfaces	HDMI x 1			
	Control Interfaces	RS232 In x 1, RS232 Out x 1			
Power	Power Consumption	111 W	134 W	187 W	235 W
	Power Requirements	100 to 240 VAC, 50 or 60 Hz			
Operating Environment	Operating Temperature	0 to 40° C			
	Operating Humidity	10% to 80% (No Condensation)			
	Operating Life	≥ 60,000 Hours			
Physical Features	Dimensions (W x H x D)	1,021.98 x 576.57 x 72.25 mm	1,078.34 x 608.36 x 72.8 mm	1,213.5 x 684.3 x 71.74 mm	1,213.5 x 684.3 x 71.74 mm
	Frame Width	2.3 mm (top/left), 1.2 mm (bottom/right)			



Models		DS-D2055LE-G	DS-D2055HE-G	DS-D2055LR-G	DS-D2055HR-G
Image					
Display Specifications	Sizes (Diagonal)	55"			
	Backlight	LED Backlight (Direct Type)			
	Panel	IPS			
	Resolution	1920 x 1080			
	Number of Colors	1.07 Billion			
	Viewing Angles	Horizontal: 178 degrees, Vertical: 178 degrees			
	Response Time	8 ms (G to G)			
	Contrast Ratio	1,000 : 1		1,100 : 1	
	Brightness	500 nits	700 nits	500 nits	700 nits
	Pixel Pitch (H x V)	0.63 x 0.63 mm			
	Color Saturation	72%			
Surface Treatment	28%, 2H				
Side Frame Size	Physical Seams	1.8 mm		0.88 mm	
Interface	Input Interfaces	VGA x 1, HDMI x 1, DVI x 1, DP x 1, USB x 1			
	Output Interfaces	HDMI x 1			
	Control Interfaces	RS232 In x 1, RS232 Out x 1			
Power	Power Consumption	192 W	230 W	192 W	230 W
	Power Requirements	100 to 240 VAC, 50 or 60 Hz			
Operating Environment	Operating Temperature	0 to 40° C			
	Operating Humidity	10% to 90% (No Condensation)			
	Operating Life	≥ 60,000 Hours			
Physical Features	Dimensions (W x H x D)	1,211.54 x 682.34 x 68.9 mm		1,210.81 x 681.76 x 68.9 mm	
	Frame Width	0.9 mm (top/left), 0.9 mm (bottom/right)		0.44 mm (top/left), 0.44 mm (bottom/right)	



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HIKVISION LCD VIDEO  
WALL DISPLAY MIRROR SERIES

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## DS-D2046NL-C LCD Display



The DS-D2046NL-C LCD display uses an industry-level ultra-narrow bezel design, which enables a bezel width of 3.5 mm between neighboring displays. The adopted direct-lit LED backlighting technology helps achieve ultra-high and uniform brightness of 500 cd/m<sup>2</sup> without boundary shadows. The display has abundant interfaces for video inputs, such as DVI, VGA, and HDMI.

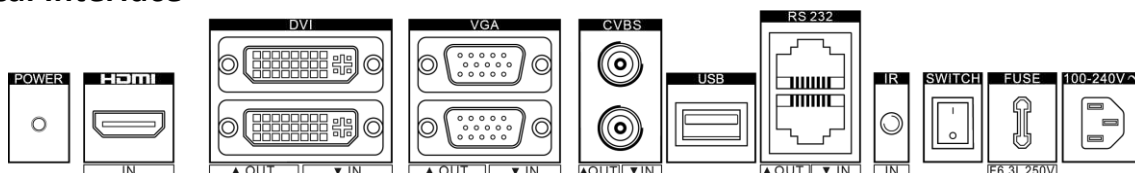
- Direct-lit LED backlight with uniform brightness and no boundary shadows
- 1920 × 1080 resolution, 178° viewing angle
- Ultra-narrow 3.5 mm bezel design
- Factory calibration for color uniformity
- Anti-glare, high definition, high brightness, high color gamut, and vivid images with rich colors
- Stable and 24-hour continuous working
- Metal casing for preventing from radiation and magnetic & electric field interference
- Wall-mount and modular brackets available to meet various installation requirements



## ▪ Specification

Model		DS-D2046NL-C
<b>Product Model</b>	Product Model	DS-D2046NL-C
<b>Display</b>	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 (downward compatible)
	Brightness	500 cd/m <sup>2</sup>
	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	
<b>Interface</b>	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
<b>Power</b>	Power Supply	100-240 VAC, 50/60 Hz
	Power Consumption	≤ 111 W
	Standby Consumption	≤ 0.5 W
<b>Working Environment</b>	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)
<b>General</b>	Casing Material	SECC
	VESA	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	18.96 ± 0.5 Kg (41.80 ± 1.1 lb) for single display
	Gross Weight	Carton with two displays: 47.12 ± 0.5 Kg (103.88 ± 1.1 lb) Carton with a single display: 25.79 ± 0.5 Kg (56.86 ± 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

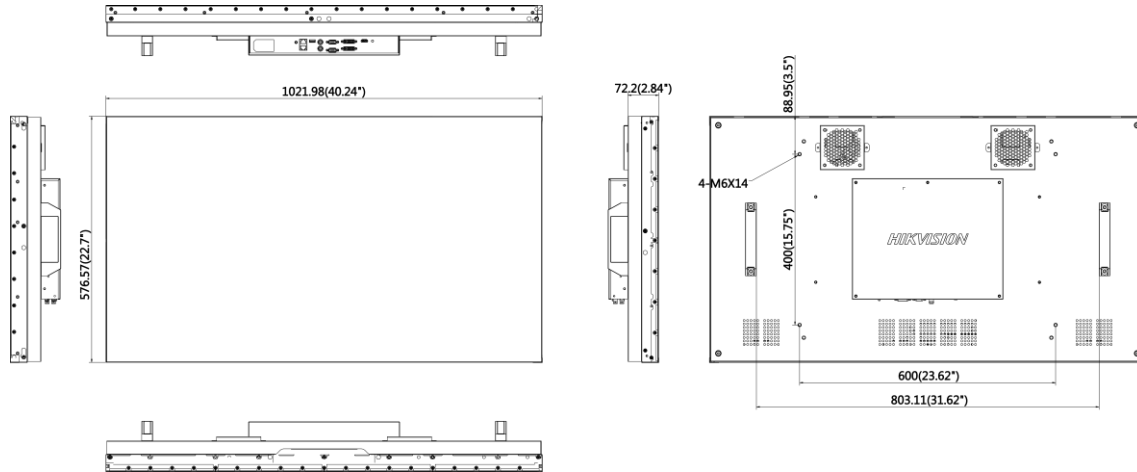
## ▪ Physical Interface



Interface	Description	Interface	Description
POWER	Power indicator	HDMI IN	HDMI input interface
DVI OUT	DVI-I output interface for digital signals	DVI IN	DVI-I input interface for digital signals
VGA OUT	VGA output interface for analog signals	VGA IN	VGA input interface for analog signals
CVBS OUT	CVBS output interface for signals	CVBS IN	CVBS input interface for signals

USB	USB interface	RS232 IN	Serial loopback input interface
RS232 OUT	Serial loopback output interface	IR IN	IR input interface

## Dimension



## Available Model

DS-D2046NL-C

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