Hikvision LED Displays
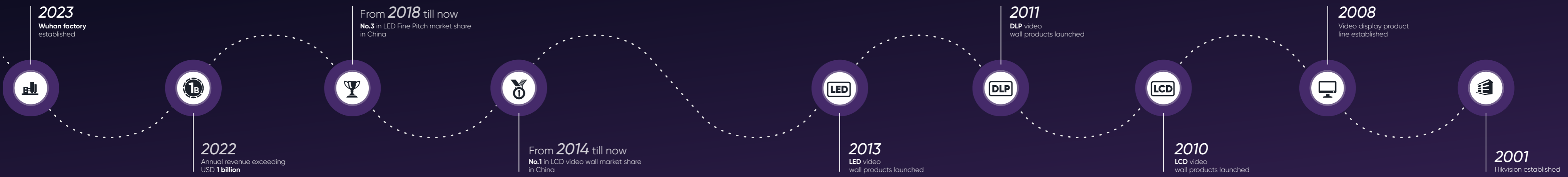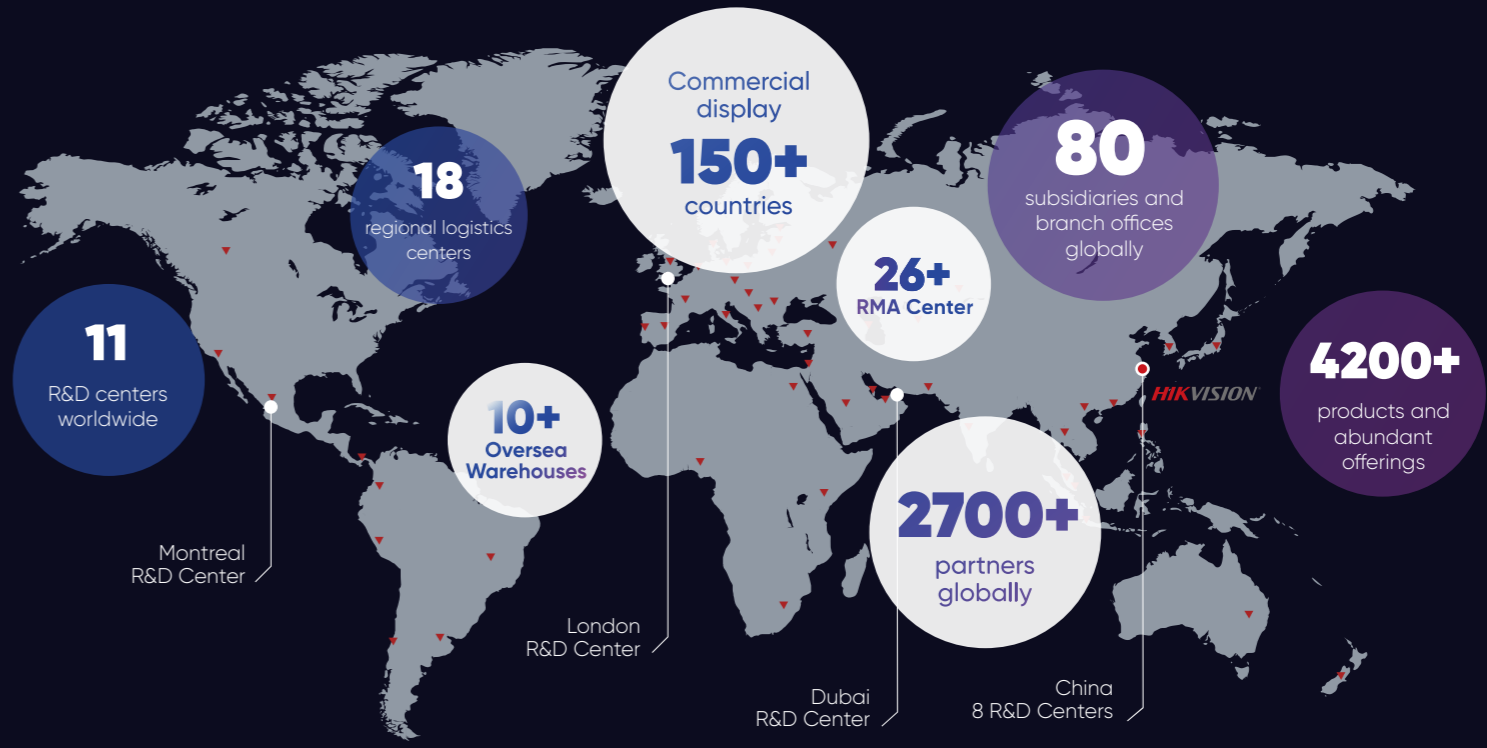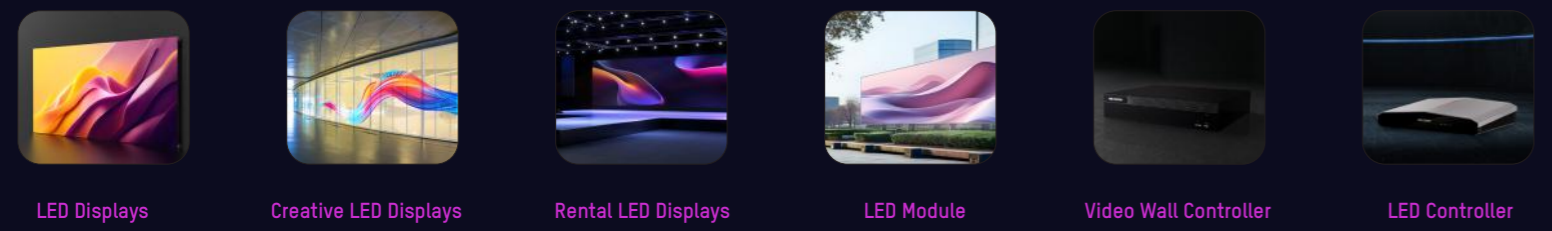
HIKVISION®

Hikvision LED displays are designed to captivate and inspire. Our premium LED products and solutions elevate your visual experience to the next level, transforming any space into an immersive environment. Whether you need an LED wall for a stunning atrium or a digital signage solution for wayfinding, Hikvision LED displays always bring your vision to life and illuminate endless possibilities.

Product Matrix of LED Displays

LED Displays

Creative LED Displays

Rental LED Displays

LED Module

Video Wall Controller

LED Controller

18 regional logistics centers

Commercial display **150+** countries

80 subsidiaries and branch offices globally

11 R&D centers worldwide

26+ RMA Center

10+ Oversea Warehouses

4200+ products and abundant offerings

2700+ partners globally

Montreal R&D Center

London R&D Center

Dubai R&D Center

China 8 R&D Centers

HIKVISION

2023
Wuhan factory established

From 2018 till now
No.3 in LED Fine Pitch market share in China

2011
DLP video wall products launched

2008
Video display product line established

LED

DLP

LCD

2022
Annual revenue exceeding USD **1 billion**

From 2014 till now
No.1 in LCD video wall market share in China

2013
LED video wall products launched

2010
LCD video wall products launched

2001
Hikvision established

HIKVISION
LED TECHNOLOGIES

Excellent Display Performance

Proactive Operations Management

Enables real-time monitoring of LED hardware, issues anomaly alerts, and provides troubleshooting guidance.

PixMaster

Utilizes algorithms to recognize images and enhance visual effects, while reducing power consumption by nearly 20%.
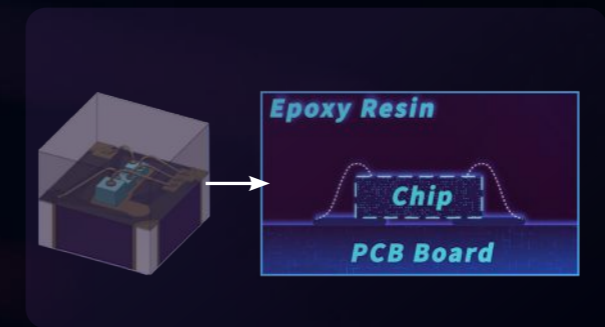
Three-in-One LED controller

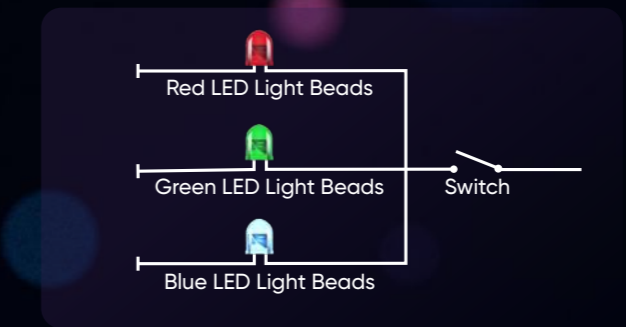Simultaneously supports LED management, multi-input video walls, and information release.

Energy-saving Technologies

Flip chip COB

Flip-chip COB boosts luminous area, energy savings, and temperature reduction by eliminating wire-bonding step.
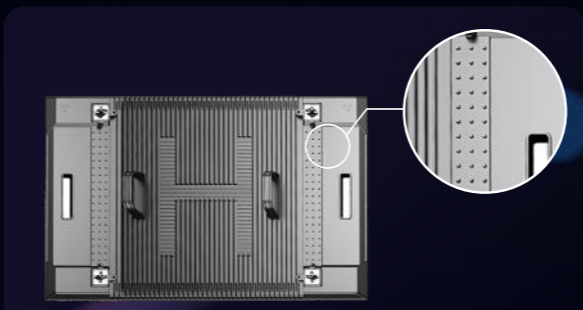
Epoxy Resin
Chip
PCB Board

Common cathodes

Common cathode powers each RGB LED separately, enabling accurate voltage distribution and reduced power consumption.

Red LED Light Beads
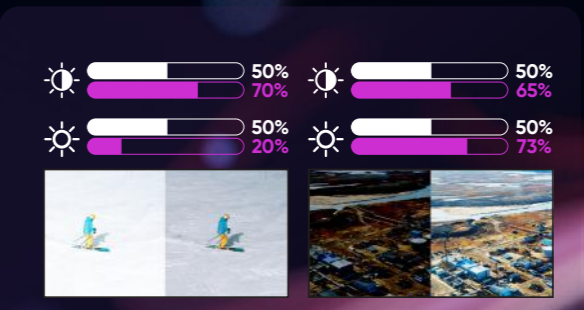Green LED Light Beads — Switch
Blue LED Light Beads

Aluminum cabinets

Aluminium cabinets protect LED displays with excellent heat dissipation for prolonged component lifespan.

Intelligent energy-saving engine

Hikvision's intelligent energy-saving engine enhances images with pixel-level clarity and intelligent analysis for optimal display quality.
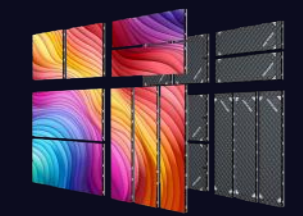
50% 70%
50% 65%
50% 20%
50% 73%

HIKVISION
LED DISPLAYS MATRIX

Indoor LED Displays

Advanced indoor LED displays with diverse encapsulation technologies.

Ultra Series

- Ultra-light & ultra-thin (less than 30mm)
- Single-cabinet correction for easy installation
- Energy-saving up to 50% with high-performance IC and technology
- COB design, anti-glare, high-contrast, and high-protection

Solid Plus Series

- Ultra-light & ultra-thin (less than 30mm)
- HOB to enhance resistance, with automated repair tool

Solid Series

- Ultra-light & ultra-thin (less than 30mm)
- Equipped with high-quality lamps for enhanced protection
- Flip-chip & common cathode (optional)

Flex Series

- Creative splicing with diverse sizes, ideal for retails
- Ensure optimal viewing with 90° rotation
- 45° cut edge to facilitate external right-angle design

LED Splicing Screen

- HDMI or HDBaseT interface compatible (alternative)
- Built-in LED controller
- Plug-and-play ready
- Self splicing up to 10 screens

Value Series

- Module cable-free design for easier installation and front maintenance
- Ultra-thin back shell for excellent flatness
- Ultra-high contrast ratio for excellent color performance

Outdoor LED Displays

Stand out from the crowd with high brightness, surprising energy-savings and excellent heat dissipation.

LumiUltra Series

- 960mm*960mm cabinet
- Aluminum cabinet and shell with excellent heat dissipation
- Operation below 60℃, without AC
- Up to 50% energy saving
- High brightness up to 10,000 nits with less brightness degradation

LumiFit Series

- 500mm*500mm/500mm*1000mm cabinet
- Aluminum cabinet and shell with excellent heat dissipation
- Aviation plug for easy installation
- Protection IP67 (front) and IP66 (rear)

LumiSquare Series

- 960mm*960mm cabinet
- Aluminum cabinet with excellent heat dissipation
- Aviation plug for easy installation
- Operation below 60℃, without AC
- Up to 50% energy saving
- High brightness up to 6500 nits with less brightness degradation
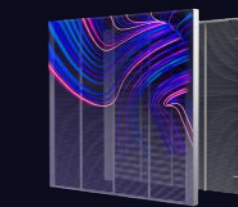
Creative LED Displays

Revolutionize your LED display content.

LED All-in-one Display

- Built-in dual system (Android and Windows) with USB interface
- Wireless screen mirroring of PC and Android and iOS devices, up to 4 devices at the same time
- HOB technology enhances protection with lower dead lamp rates

LED Poster Display

- Seamless splicing of multiple screens, up to 10 pieces
- Built-in digital signage function for easy advertising
- HOB protection functions make it moisture-proof in humid regions and prevent it from crack lamp in crowded places

Transparent LED Display

- Standardized cabinet for flexible installation, thin design, convenient for quick installation
- Material selection and design with high permeability, preserving the original appearance of the building
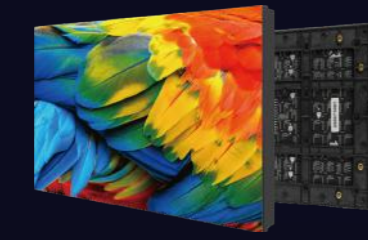
LED Modules

Expand your vision with infinite flexibility

Indoor LED module
- Advanced pad bonding with high stability
- PC+30 fiber bottom case kit, ensuring robustness and flatness
- High-grade ICs with a broader color spectrum and evenly-divided gray scales
- PCB design, optimizing performance

Outdoor LED module
- Resistant to moisture, UV, and temperature changes
- High strength to improve flatness and splicing
- Reducing glare for better contrast

Soft LED module
- Splicing with 120-degree flexibility for both concave and convex bending
- Magnetic column improves the stability of installation

Cut-edge module
- Cut-edge modules ensure no extra cuts or seams for curved displays
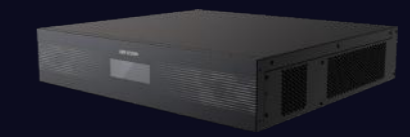- Extended splicing angles: splice the display outward from 90 to 180 degrees

Rental LED Displays

Effortless installation with versatile options

CQ series
- Ultra lightweight and slim design for easy installation
- Optional curved lock, capable of splicing large screens with max. 15° inner arc, 10° outer arc, 90°corner, etc.
- Cabinets of different sizes can be mixed and assembled into various shapes
- Modular power box design for easy front and rear maintenance

LED Controller

Enabling seamless visual impact

C Series
- 2/4/6 RJ45 output ports
- 1.3 - 3.9MP load capacity
- Hikvision system

P Series
- 12/20 RJ45 ports
- 13MP load capacity
- Built-in information release and video wall management
- Hikvision system

Video Wall Controller & Decode

Activating large screen system

C30S Series Controllers
DS-C30S-Sxx
- 11/23 slots
- Support mixed insertion of functional boards
- Support decoding boards and LED control boards

C60S Series Controllers
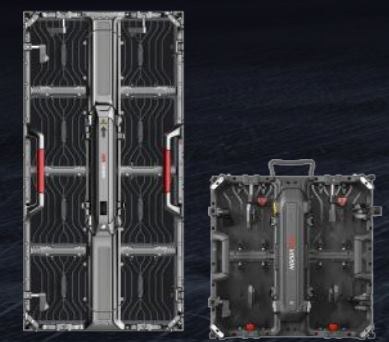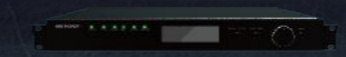- 6 slots: 2 input + 2 output + 2 mixed

69(C) Series Decoders
DS-D69xxUDI(C)
- 1/4/8/10/12/16 HDMI output interfaces
- Support 2×HDMI local input interfaces
- Support up to 32MP decoding

B31S Series Controllers
DS-B31-Sxx
- Support up to 16-ch input and 32-ch output interfaces
- Support 256-ch 1080P or 512-ch 720P decoding

Distributed Controller
DS-C80N-01xx
- Decentralized system for high availability
- Unlimited scalability
- Support up to 4K@60Hz input/output

KVM System
DS-C80K-01xx ≤ 10 ms delay
- Support up to 4K@60Hz input/output
- Built-in GUI for easy operation
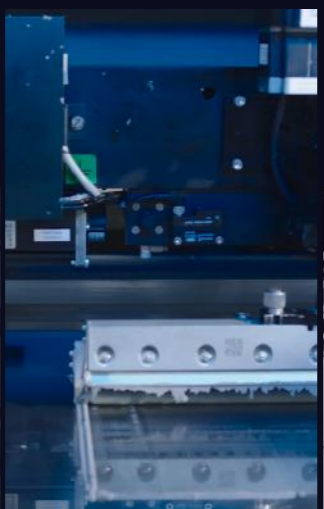
7

8

IN-HOUSE **MANUFACTURING**

A reliable production capacity and precise quality control are always Hikvision's top priorities. In-house manufacturing allows us to maintain consistent quality standards, increase output, respond better to market demands, and improve turnaround times.

We have established a dual-base manufacturing system in Tonglu and Wuhan, with an annual production capacity of 500,000+ square meters.
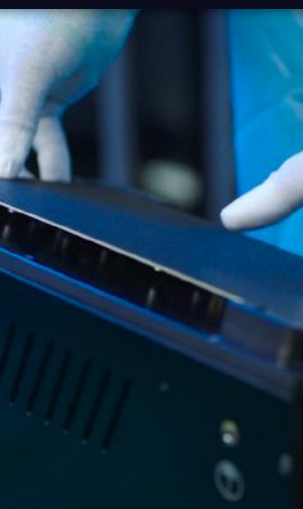
Solder Paste Printing

AOI - Automatic Optical Inspection
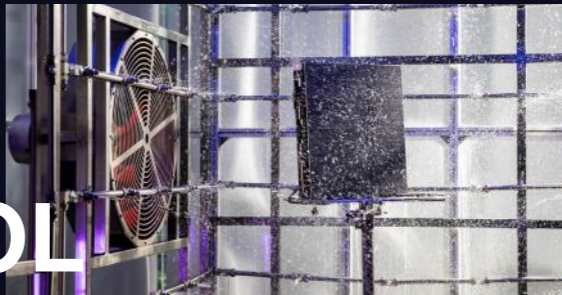
Surface Mounting

Reflow

Lighting Inspection

Auto-aging

Climate Test

Salt Spray Test

Anechoic Chamber RF Test

Dissipation Test

FULL-CIRCLE **QUALITY CONTROL**

LED displays often have a hard life. Many are moved frequently, used outdoors on rigs, or placed in hot, direct sunlight for hours – testing their resilience to the utmost limits. By ensuring strict quality with full-circle testing, from incoming parts to outgoing products and everything in between, Hikvision builds every LED display at the highest standards. Our aim and purpose is to truly brighten every moment.

Water Proof Test

Packaging and Transportation Test
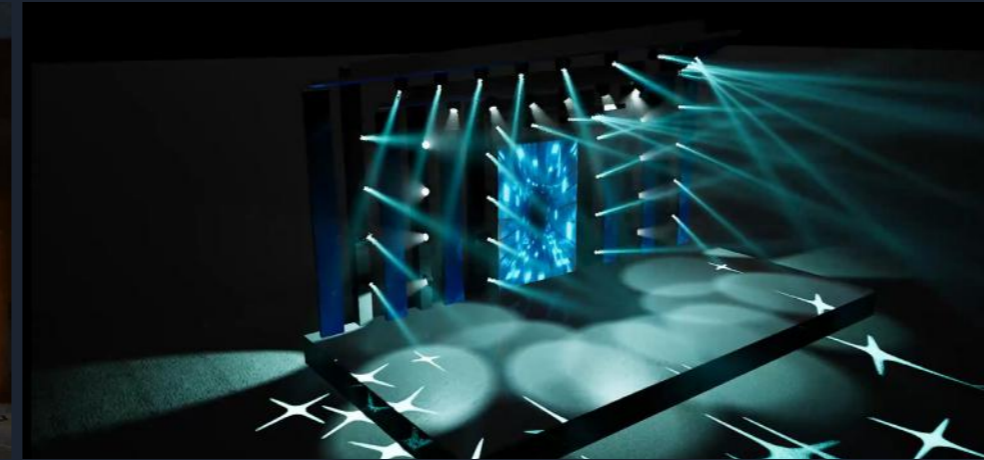
SUCCESS **STORIES**

HIKVISION®

Customer: **Balwin Properties Limited**
Location: Johannesburg, South Africa
Industry: Real estate

Customer: **My Clinic Dental Centre**
Location: Al Khalidiyyah, Saudi Arabia
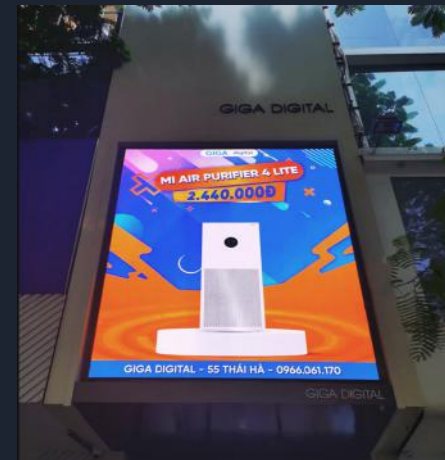Industry: Healthcare

Customer: **ShowTime**
Location: São Paulo, Brazil
Industry: Entertainment & Events

Customer: **Gereja Isa Almasih Dr. Cipto**
Location: Semarang, Central Java, Indonesia
Industry: Social Organization

Customer: **Etern Laos Communication**
Location: Vientiane, Laos
Industry: Commercial

Customer: **GIGA Digital**
Location: Vietnam
Industry: Retail

Customer: **Secteo GmbH**
Location: Thale, Germany
Industry: Security

Customer: **GEMS Modern Academy**
Location: UAE
Industry: Education

Customer: **Intersport**
Location: Athens, Greece
Industry: Retail

Customer: **Jashanmal**
Location: UAE
Industry: Retail

Model		DS-D4009BW-2FC	DS-D4012BW-2FC	DS-D4015BW-2FC
Image				
Module	Pixel Structure	Flip-chip COB	Flip-chip COB	Flip-chip COB
	Pixel Pitch (mm)	0.9375	1.25	1.5625
	Module Composition (W × H)	2 × 2	2 × 2	2 × 2
Cabinet	Cabinet Dimension (W × H × D, mm)	600 × 337.5 × 29.3 (23.622" × 13.287" × 1.154")	600 × 337.5 × 29.3 (23.622" × 13.287" × 1.154")	600 × 337.5 × 29.3 (23.622" × 13.287" × 1.154")
	Cabinet Resolution (W × H)	640 × 360	480 × 270	384 × 216
	Cabinet Weight	3.4 Kg(7.496 lb)	3.4 Kg(7.496 lb)	3.4 Kg(7.496 lb)
	Pixel Density (dots/m²)	1,137,777	640,000	409,600
	Cabinet Material	Aluminium die casting	Aluminium die casting	Aluminium die casting
	Maintenance Method	Front maintenance for all components	Front maintenance for all components	Front maintenance for all components
	Protection Level	/	/	/
Optical	Brightness (nits)	600	600	600
	Color Temperature (K)	3000-10000 K adjustable	3000-10000 K adjustable	3000-10000 K adjustable
	Viewing Angle	160°(H)/160°(V)	160°(H)/160°(V)	160°(H)/160°(V)
	Contrast Ratio	15000:1	15000:1	15000:1
Electrical	Peak Consumption (W/m²)	≤ 360	≤ 300	≤300
	Average Consumption (W/m²)	≤ 120	≤ 100	≤ 100
Processing Performance	Frame Rate (Hz)	60	60	60
	Refresh Rate (Hz)	3,840	3,840	3,840
	Grey Level (bit)	16	16	16

13

Model		DS-D4012CW-2FQ	DS-D4015CW-2FQ	DS-D4018CW-2FQ
Image				
Module	Pixel Structure	HOB	HOB	HOB
	Pixel Pitch (mm)	1.25	1.56	1.8
	Module Composition (W × H)	2 × 2	2 × 2	2 × 2
Cabinet	Cabinet Dimension (W × H × D, mm)	600×337.5×29.5 (23.622" × 13.287" × 1.161")	600×337.5×29.5 (23.622" × 13.287" × 1.161")	600×337.5×29.5 (23.622" × 13.287" × 1.161")
	Cabinet Resolution (W × H)	480 × 270	384 × 216	240 × 136
	Cabinet Weight	3.4 Kg(7.496 lb)	3.4 Kg(7.496 lb)	3.4 Kg(7.496 lb)
	Pixel Density (dots/m²)	640,000	409,600	161,185
	Cabinet Material	Aluminium die casting	Aluminium die casting	Aluminium die casting
	Maintenance Method	Front maintenance for all components	Front maintenance for all components	Front maintenance for all components
	Protection Level	/	/	/
Optical	Brightness (nits)	600	600	600
	Color Temperature (K)	3000-10000 K adjustable	3000-10000 K adjustable	3000-10000 K adjustable
	Viewing Angle	160°(H)/160°(V)	160°(H)/160°(V)	160°(H)/160°(V)
	Contrast Ratio	3000:1	3000:1	3000:1
Electrical	Peak Consumption (W/m²)	≤ 460	≤ 390	≤ 400
	Average Consumption (W/m²)	≤ 160	≤ 130	≤ 140
Processing Performance	Frame Rate (Hz)	60	60	60
	Refresh Rate (Hz)	3,840	3,840	3,840
	Grey Level (bit)	16	16	16

14

Model	DS-D4012NW-2F	DS-D4015NW-2F
Image		
Module	Pixel Structure	SMD Triad LED with Top level lamp	SMD Triad LED with Top level lamp
	Pixel Pitch (mm)	1.25	1.56
	Module Composition (W × H)	2 × 2	2 × 2
Cabinet	Cabinet Dimension (W × H × D, mm)	600×337.5×29.5 (23.622" × 13.287" × 1.161")	600×337.5×29.5 (23.287" × 13.287" × 1.161")
	Cabinet Resolution (W × H)	480 × 270	384 × 216
	Cabinet Weight	3.4 Kg(7.496 lb)	3.4 Kg(7.496 lb)
	Pixel Density (dots/m²)	640000	409,600
	Cabinet Material	Aluminium die casting	Aluminium die casting
	Maintenance Method	Front maintenance for all components	Front maintenance for all components
	Protection Level	/	/
Optical	Brightness (nits)	600	600
	Color Temperature (K)	3000-10000 K adjustable	3000-10000 K adjustable
	Viewing Angle	160°(H)/160°(V)	160°(H)/160°(V)
	Contrast Ratio	3000:1	3000:1
Electrical	Peak Consumption (W/m²)	≤ 460	≤ 390
	Average Consumption (W/m²)	≤ 160	≤ 130
Processing Performance	Frame Rate (Hz)	60	60
	Refresh Rate (Hz)	3,840	3,840
	Grey Level (bit)	16	16

Model	DS-D4012CW-2F	DS-D4015CW-2F	DS-D4018CW-2F
Image			
Module	Pixel Structure	SMD triad LED	SMD triad LED	SMD triad LED
	Pixel Pitch (mm)	1.25	1.56	1.8
	Module Composition (W × H)	2 × 2	2 × 2	2 × 2
Cabinet	Cabinet Dimension (W × H × D, mm)	600×337.5×29.5 (23.622" × 13.287" × 1.161")	600×337.5×29.5 (23.622" × 13.287" × 1.161")	600×337.5×29.5 (23.622" × 13.287" × 1.161")
	Cabinet Resolution (W × H)	480 × 270	384 × 216	240 × 136
	Cabinet Weight	3.4 Kg(7.496 lb)	3.4 Kg(7.496 lb)	3.4 Kg(7.496 lb)
	Pixel Density (dots/m²)	640,000	409,600	161,185
	Cabinet Material	Aluminium die casting	Aluminium die casting	Aluminium die casting
	Maintenance Method	Front maintenance for all components	Front maintenance for all components	Front maintenance for all components
	Protection Level	/	/	/
Optical	Brightness (nits)	600	600	600
	Color Temperature (K)	3000-10000 K adjustable	3000-10000 K adjustable	3000-10000 K adjustable
	Viewing Angle	160°(H)/160°(V)	160°(H)/160°(V)	160°(H)/160°(V)
	Contrast Ratio	3000:1	3000:1	3000:1
Electrical	Peak Consumption (W/m²)	≤ 460	≤ 390	≤ 400
	Average Consumption (W/m²)	≤ 160	≤ 130	≤ 140
Processing Performance	Frame Rate (Hz)	60	60	60
	Refresh Rate (Hz)	3,840	3,840	3,840
	Grey Level (bit)	16	16	16

Model	DS-D4207CI-ZWDB	DS-D4015CB-1F
Image		
Module Pixel Structure	Flip-chip COB	SMD Triad LED
Pixel Pitch (mm)	0.78	1.5625
Module Composition (W × H)	2 × 1	1 × 3
Cabinet Cabinet Dimension (W × H × D, mm)	600 × 337.5 × 45.6 (23.62" × 13.29" × 1.80")	750 × 250 × 50 (29.53" × 9.84" × 1.97")
Cabinet Resolution (W × H)	768 × 432	480 × 160
Cabinet Weight	6.5 Kg (14.33 lb)	4.59 Kg (10.12 lb)
Pixel Density (dots/m²)	1,638,400	409,600
Cabinet Material	Die-casting aluminum	Aluminum die casting
Maintenance Method	Both front and rear maintenance	Front maintenance for all components
Protection Level	Front IP65	IP60 (Front)
Optical Brightness (nits)	600	800
Color Temperature (K)	3,000 to 10,000 adjustable	3000-10000 K adjustable
Viewing Angle	Horizontal 160°, vertical 160°	160°(H)/160°(V)
Contrast Ratio	1,5000:1	≥ 5,000:1
Electrical Peak Consumption (W/m²)	470	≤ 550
Average Consumption (W/m²)	157	≤ 185
Processing Performance Frame Rate (Hz)	60	60
Refresh Rate (Hz)	3,840	Up to 3,840
Grey Level (bit)	16	Up to 16

Model	DS-D4015CC-1F	DS-D4015CD-1F	DS-D4015CF-1F
Image			
Module Pixel Structure	SMD Triad LED	SMD Triad LED	SMD Triad LED
Pixel Pitch (mm)	1.5625	1.5625	1.5625
Module Composition (W × H)	1 × 4	2 × 2	2 × 4
Cabinet Cabinet Dimension (W × H × D, mm)	1000 × 250 × 50 (39.37" × 9.84" × 1.97")	500 × 500 × 50 (19.69" × 19.69" × 1.97")	1000 × 500 × 50 (39.37" × 19.69" × 1.97")
Cabinet Resolution (W × H)	640 × 160	320 × 320	640 × 320
Cabinet Weight	5.65 Kg (12.456 lb)	5.6 Kg (12.35 lb)	10.54 Kg (23.237 lb)
Pixel Density (dots/m²)	409,600	409,600	409,600
Cabinet Material	Aluminum die casting	Aluminum die casting	Aluminum die casting
Maintenance Method	Front maintenance for all components	Front maintenance for all components	Front maintenance for all components
Protection Level	IP60 (Front)	IP60 (Front)	IP60 (Front)
Optical Brightness (nits)	800	800(Peak 1000)	800(Peak 1000)
Color Temperature (K)	3000-10000 K adjustable	3000-10000 K adjustable	3000-10000 K adjustable
Viewing Angle	160°(H)/160°(V)	160°(H)/160°(V)	160°(H)/160°(V)
Contrast Ratio	≥ 5,000:1	≥ 5000:1	≥ 5000:1
Electrical Peak Consumption (W/m²)	≤ 550	≤ 600	≤ 600
Average Consumption (W/m²)	≤ 185	≤ 185	≤ 185
Processing Performance Frame Rate (Hz)	60	60	60
Refresh Rate (Hz)	Up to 3,840	Up to 3,840	Up to 3,840
Grey Level (bit)	Up to 16	Up to 18	Up to 18

Model	DS-D4019CB-1F	DS-D4019CC-1F	DS-D4019CD-1F
Image			
Module			
Pixel Structure	SMD Triad LED	SMD Triad LED	SMD Triad LED
Pixel Pitch (mm)	1.9531	1.9531	1.9531
Module Composition (W × H)	1 × 3	1 × 4	2 × 2
Cabinet			
Cabinet Dimension (W × H × D, mm)	750 × 250 × 50 (29.53" × 9.84" × 1.97")	1000 × 250 × 50 (39.37" × 9.84" × 1.97")	500 × 500 × 50 (19.69" × 19.69" × 1.97)
Cabinet Resolution (W × H)	384 × 128	512 × 128	256 × 256
Cabinet Weight	4.59 Kg (10.12 lb)	5.65 Kg (12.456 lb)	5.6 Kg (12.346 lb)
Pixel Density (dots/m²)	262,144	262,144	262,144
Cabinet Material	Aluminum die casting	Aluminum die casting	Aluminum die casting
Maintenance Method	Front maintenance for all components	Front maintenance for all components	Front maintenance for all components
Protection Level	IP60 (Front)	IP60 (Front)	IP60 (Front)
Optical			
Brightness (nits)	800	800	800(Peak 1000)
Color Temperature (K)	3000-10000 K adjustable	3000-10000 K adjustable	3000-10000 K adjustable
Viewing Angle	160°(H)/160°(V)	160°(H)/160°(V)	160°(H)/160°(V)
Contrast Ratio	≥ 5000:1	≥ 5000:1	≥ 5000:1
Electrical			
Peak Consumption (W/m²)	≤ 550	≤ 550	≤ 600
Average Consumption (W/m²)	≤ 185	≤ 185	≤ 185
Processing Performance			
Frame Rate (Hz)	60	60	60
Refresh Rate (Hz)	Up to 3,840	Up to 3,840	Up to 3,840
Grey Level (bit)	Up to 16	Up to 16	Up to 18

Model	DS-D4019CF-1F	DS-D4026CB-1F	DS-D4026CC-1F
Image			
Module			
Pixel Structure	SMD Triad LED	SMD Triad LED	SMD Triad LED
Pixel Pitch (mm)	1.9531	2.604	2.604
Module Composition (W × H)	2 × 4	1 × 3	1 × 4
Cabinet			
Cabinet Dimension (W × H × D, mm)	1000 × 500 × 50 (39.37" × 19.69" × 1.97)	750 × 250 × 50 (29.53" × 9.84" × 1.97")	1000 × 250 × 50 (39.37" × 9.84" × 1.97")
Cabinet Resolution (W × H)	512 × 256	288 × 96	384 × 96
Cabinet Weight	10.54 Kg (23.237 lb)	4.59 Kg (10.12 lb)	5.65 Kg (12.456 lb)
Pixel Density (dots/m²)	262,144	147,456	147,456
Cabinet Material	Aluminum die casting	Aluminum die casting	Aluminum die casting
Maintenance Method	Front maintenance for all components	Front maintenance for all components	Front maintenance for all components
Protection Level	IP60 (Front)	IP60 (Front)	IP60 (Front)
Optical			
Brightness (nits)	800(Peak 1000)	800(Peak 1000)	800(Peak 1000)
Color Temperature (K)	3000-10000 K adjustable	3000-10000 K adjustable	3000-10000 K adjustable
Viewing Angle	160°(H)/160°(V)	160°(H)/160°(V)	160°(H)/160°(V)
Contrast Ratio	≥ 5000:1	≥ 5000:1	≥ 5000:1
Electrical			
Peak Consumption (W/m²)	≤ 600	≤ 550	≤ 550
Average Consumption (W/m²)	≤ 185	≤ 185	≤ 185
Processing Performance			
Frame Rate (Hz)	60	60	60
Refresh Rate (Hz)	Up to 3,840	Up to 3,840	Up to 3,840
Grey Level (bit)	Up to 18	Up to 16	Up to 16

Model		DS-D4026CD-1F	DS-D4026CF-1F	DS-D4029CB-1F
Image				
Module	Pixel Structure	SMD Triad LED	SMD Triad LED	SMD Triad LED
	Pixel Pitch (mm)	2.604	2.604	2.976
	Module Composition (W × H)	2 × 2	2 × 4	1 × 3
Cabinet	Cabinet Dimension (W × H × D, mm)	500 × 500 × 50 (19.69" × 19.69" × 1.97)	1000 × 500 × 50 (39.37" × 19.69" × 1.97)	750 × 250 × 50 (29.53" × 9.84" × 1.97")
	Cabinet Resolution (W × H)	192 × 192	384 × 192	252 × 84
	Cabinet Weight	5.6 Kg (12.346 lb)	10.54 Kg (23.237 lb)	4.59 Kg (10.12 lb)
	Pixel Density (dots/m²)	147,456	147,456	112,896
	Cabinet Material	Aluminum die casting	Aluminum die casting	Aluminum die casting
	Maintenance Method	Front maintenance for all components	Front maintenance for all components	Front maintenance for all components
	Protection Level	IP60 (Front)	IP60 (Front)	IP60 (Front)
Optical	Brightness (nits)	800(Peak 1000)	800(Peak 1000)	800(Peak 1000)
	Color Temperature (K)	3000-10000 K adjustable	3000-10000 K adjustable	3000-10000 K adjustable
	Viewing Angle	160°(H)/160°(V)	160°(H)/160°(V)	160°(H)/160°(V)
	Contrast Ratio	≥ 5000:1	≥ 5000:1	≥ 5000:1
Electrical	Peak Consumption (W/m²)	≤ 600	≤ 600	≤ 600
	Average Consumption (W/m²)	≤ 185	≤ 185	≤ 185
Processing Performance	Frame Rate (Hz)	60	60	60
	Refresh Rate (Hz)	Up to 3,840	Up to 3,840	Up to 3,840
	Grey Level (bit)	Up to 16	Up to 16	Up to 16

Model		DS-D4029CC-1F	DS-D4029CD-1F	DS-D4029CF-1F
Image				
Module	Pixel Structure	SMD Triad LED	SMD Triad LED	SMD Triad LED
	Pixel Pitch (mm)	2.976	2.976	2.976
	Module Composition (W × H)	1 × 4	2 × 2	2 × 4
Cabinet	Cabinet Dimension (W × H × D, mm)	1000 × 250 × 50 (39.37" × 9.84" × 1.97")	500 × 500 × 50 (19.69" × 19.69" × 1.97)	1000 × 500 × 50 (39.37" × 19.69" × 1.97)
	Cabinet Resolution (W × H)	336 × 84	168 × 168	336 × 168
	Cabinet Weight	5.65 Kg (12.456 lb)	5.60 Kg (12.346 lb)	10.54 Kg (23.237 lb)
	Pixel Density (dots/m²)	112,896	112,896	112,896
	Cabinet Material	Aluminum die casting	Aluminum die casting	Aluminum die casting
	Maintenance Method	Front maintenance for all components	Front maintenance for all components	Front maintenance for all components
	Protection Level	IP60 (Front)	IP60 (Front)	IP60 (Front)
Optical	Brightness (nits)	800(Peak 1000)	800(Peak 1000)	800(Peak 1000)
	Color Temperature (K)	3000-10000 K adjustable	3000-10000 K adjustable	3000-10000 K adjustable
	Viewing Angle	160°(H)/160°(V)	160°(H)/160°(V)	160°(H)/160°(V)
	Contrast Ratio	≥ 5000:1	≥ 5000:1	≥ 5000:1
Electrical	Peak Consumption (W/m²)	≤ 600	≤ 600	≤ 600
	Average Consumption (W/m²)	≤ 185	≤ 185	≤ 185
Processing Performance	Frame Rate (Hz)	60	60	60
	Refresh Rate (Hz)	Up to 3,840	Up to 3,840	Up to 3,840
	Grey Level (bit)	Up to 16	Up to 16	Up to 16