Hikvision LED Displays
Brighten every moment

HIKVISION

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www.hikvision.com
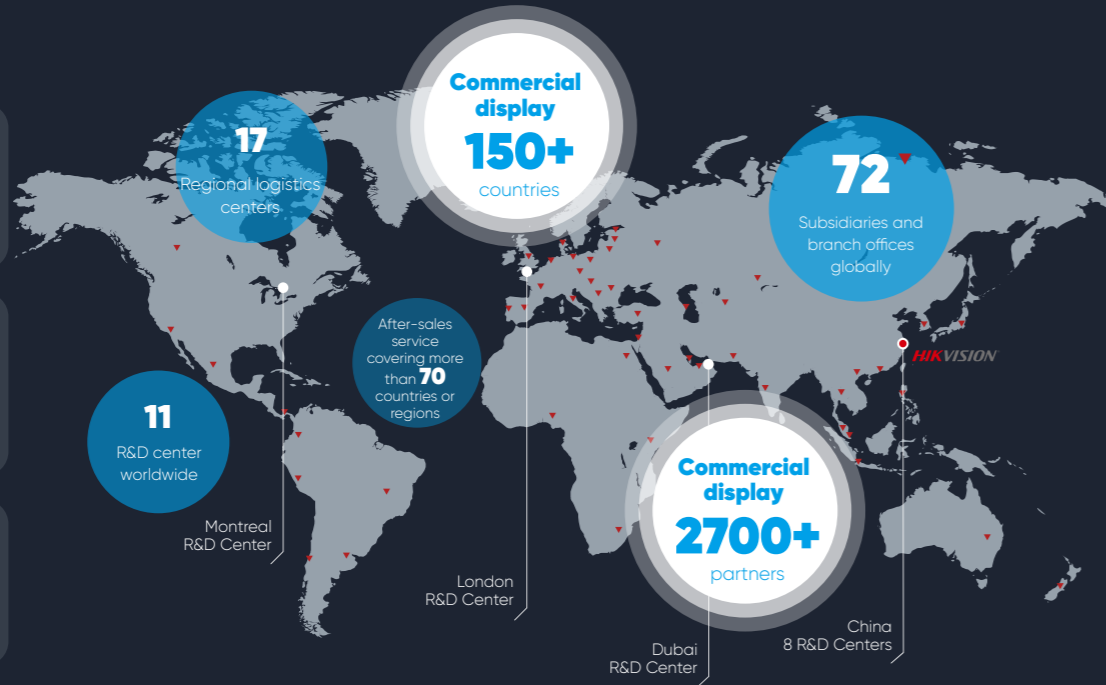support@hikvision.com

HIKVISION

ABOUT HIKVISION

Hikvision is committed to serving various industries through its cutting-edge technologies of machine perception, artificial intelligence, and big data, leading the future of AIoT.

R&D Investment

- R&D — Over **11%** annual revenue invested in R&D
- Almost **1/2** R&D engineers among **58,000+** employees worldwide
- PATENT — **7,500+** Patents

17 Regional logistics centers

Commercial display **150+** countries

72 Subsidiaries and branch offices globally

11 R&D center worldwide

After-sales service covering more than **70** countries or regions

Montreal R&D Center

London R&D Center

Dubai R&D Center

China 8 R&D Centers

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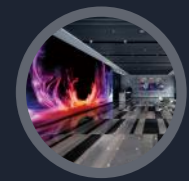Commercial display **2700+** partners

Abundant Product & Solution Offerings

We develop nearly **30,000** hardware products and more than **200** software products with leading technologies, such as:

- Video & Imaging Technology
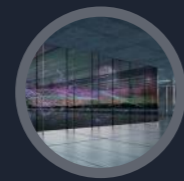- Multi-Dimensional Perception
- Artificial Intelligence

Product Matrix of LED Displays

Indoor LED Displays

Outdoor LED Displays

Creative LED Displays

Rental LED Displays

HIKVISION LED TECHNOLOGIES

Excellent Display Performance

HDR10 technology
High Dynamic Range 10 (HDR10) enhances display with better contrast, colors, and brightness for sharper, clearer LED images.
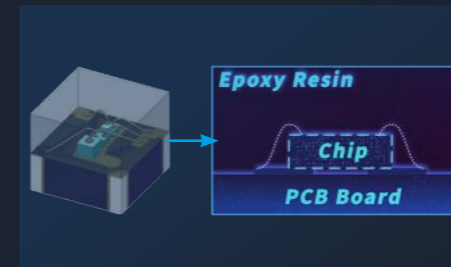
Image and text enhancement
LED image enhancement and text enhancement technologies for better image gloss, transparency, and clearer details.

Grayscale multiplication technology
64x contrast ratio boost solves mosaic and vignetting, delivering seamless image transitions.

Energy-saving Technologies

Epoxy Resin
Chip
PCB Board

Flip chip COB
Flip-chip COB boosts luminous area, energy savings, and temperature reduction by eliminating wire-bonding step.

Red LED Light Beads
Green LED Light Beads
Blue LED Light Beads
Switch
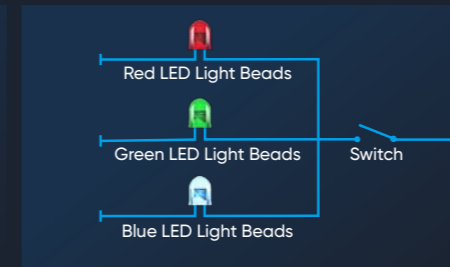
Common cathodes
Common cathode powers each RGB LED separately, enabling accurate voltage distribution and reduced power consumption.
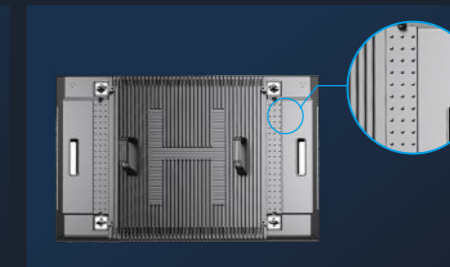
Aluminum cabinets
Aluminium cabinets protect LED displays with excellent heat dissipation for prolonged component lifespan.

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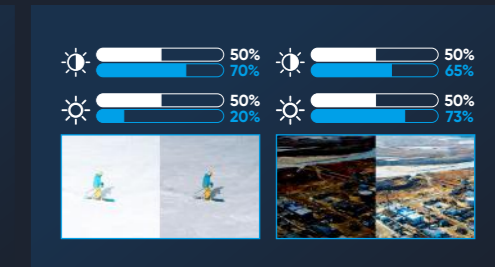
Intelligent energy-saving engine
Hikvision's intelligent energy-saving engine enhances images with pixel-level clarity and intelligent analysis for optimal display quality.

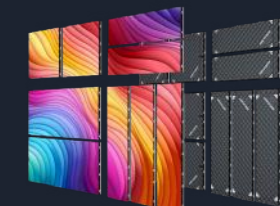# HIKVISION
LED DISPLAYS MATRIX

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Indoor LED displays

Advanced indoor LED displays with diverse encapsulation technologies.

ZWDH(B)
- Flip-chip COB, enhanced display effect, and better protection
- Contrast ratio up to 18,000:1, & brightness 1,000 nits
- Low power consumption

CWF
- High flatness LED with 16:9 screen ratio
- Proprietary system with functional applications

CWFH
- HOB technology enhances protection with lower dead lamp rates
- High flatness LED with 16:9 screen ratio
- Proprietary system with functional applications

CGFx
- Creative splicing with diverse sizes, suitable for retail scenarios
- Flexible rotation to ensure optimal viewing
- Supports right-angle splicing and 10° outer arc splicing with creative shapes

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

CSF
- Affordable excellence
- Aluminum cabinet with high flatness and great heat dissipation

Outdoor LED displays

Stand out from the crowd with high brightness, surprising energy-savings and excellent heat dissipation.
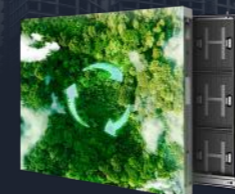
GLF/CLF
- Supports operation without air conditioning below 60° C
- Up to 50% energy saving
- Up to 10,000 nits to ensure high brightness with less brightness degradation
- Front and rear maintenance
- Protection IP67 (front) and IP66 (rear)

CLFS/CLFL
- Fine-pitch LED with great display effects
- Free splicing between large and small cabinets
- Up to 30% energy saving
- Supports operation without air conditioning below 60°C
- Up to 6,000 nits with less brightness degradation
- Protection IP66 (front and rear)

CKA
- Waterproof die cast aluminum cabinet frame with high flatness
- Minimum pixel pitch of 2.5 mm

Creative LED Displays

Revolutionize your LED display content.

LED All-in-one Display
- Flexible installation, and screen size for various scenarios
- Built-in dual system (Android and Windows), and loudspeaker
- Outstanding display and projection for effective communication
- HOB technology enhances protection with lower dead lamp rates
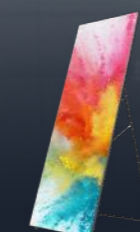
LED Poster Display
- Ultra thin design, flexible screen size, easy installation
- Up to 10 self-splicing screens with only HDMI cables
- Built-in controller and information display system for easy advertising
- HOB tech ensures reliable protection
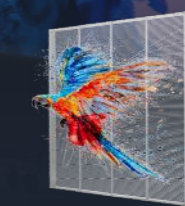
Transparent LED Display
- High transparency (up to 70%) ensures good indoor lighting, suitable for advertising and retail applications
- Flexible, easy installation
- Ultra high indoor brightness – up to 5,000 nits

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.

Our self-research and self-production rate of baseline products has exceeded 90%, and the monthly production ability of LED lamps exceeds 5 billion.

Solder Paste Printing

AOI - Automatic Optical Inspection

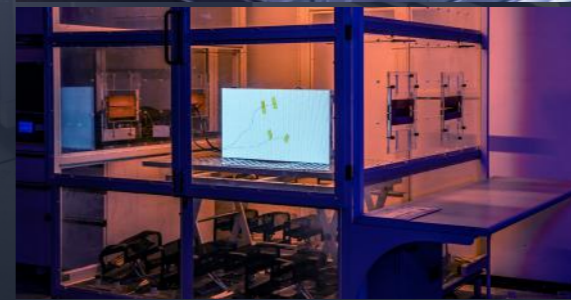**Surface Mounting**

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

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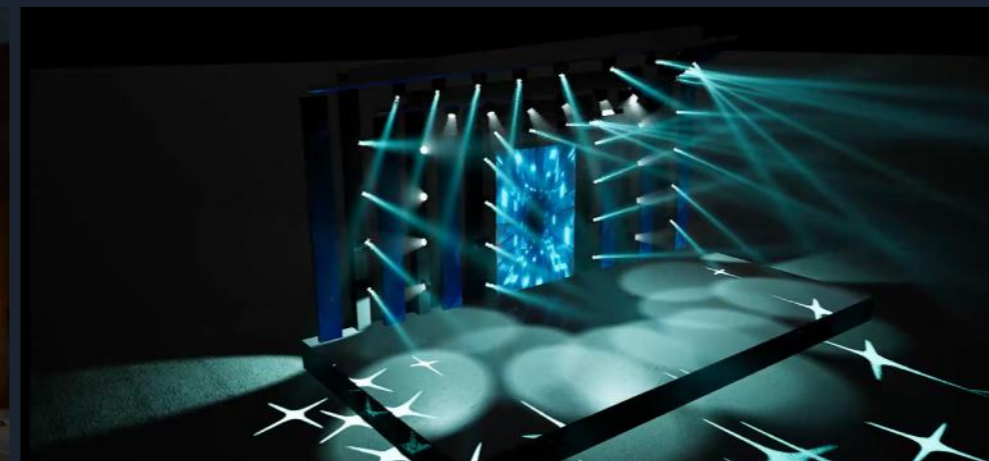# SUCCESS **STORIES**

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Customer: **Balwin Properties Limited**
Location: Johannesburg, South Africa
Industry: Real estate
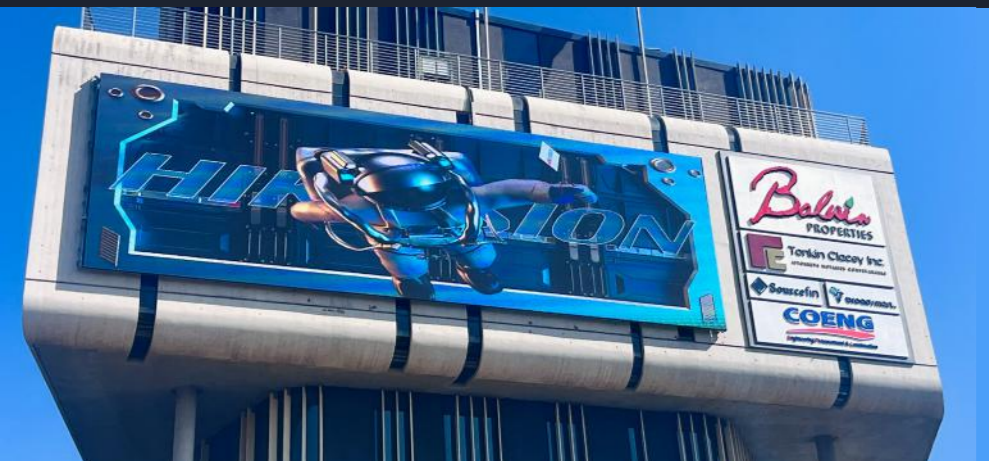
Customer: **My Clinic Dental Centre**
Location: Al Khalidiyyah, Saudi Arabia
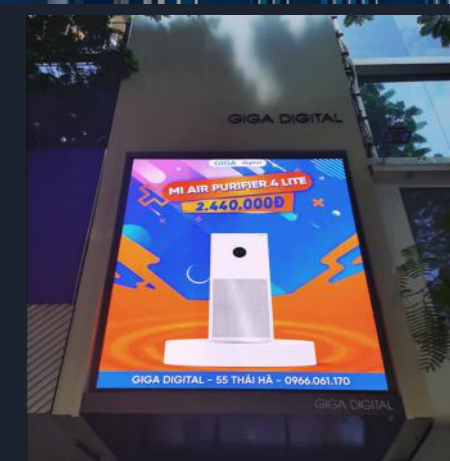Industry: Healthcare

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

Customer: **Gereja Isa Almasih Dr. Cipto**
Location: Semarang, Central Java, Indonesia
Industry: Non-commercial 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**
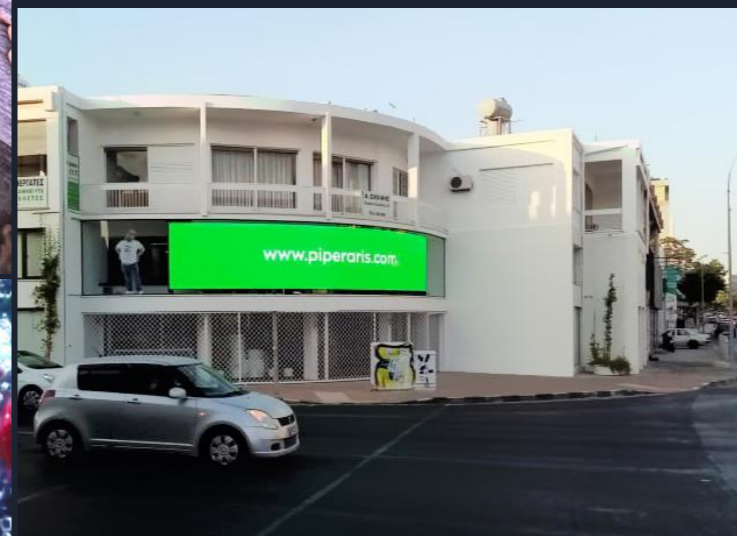Location: UAE
Industry: Retail

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Customer: **Empl Fahrzeugwerk GmbH**
Location: Tyrol, Austria
Industry: Manufacturing

Customer: **A broadcasting studio**
Location: São Paulo, Brazil
Industry: Broadcasting

Customer: **Piperaris Security**
Location: Cyprus
Industry: Security

Customer: **Global Entertainment Network Ltd**
Location: Qatar
Industry: Entertainment

Customer: **Malta restaurant**
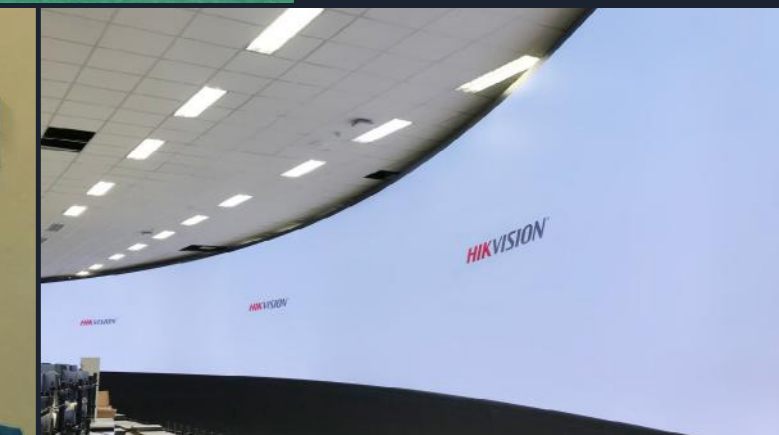Location: Duhok, Iraq
Industry: Hospitality

Customer: **Oman Tower Company**
Location: Salalah, Oman
Industry: Telecommunications

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

Customer: **East Point Indian International School, Ajman**
Location: UAE
Industry: Education

Customer: **Kazakhstan Petrochemical Industries Inc.**
Location: Kazakhstan
Industry: Energy