



ASHISH GUJARATHI
5-OCT-24

First Choice for Security Professionals

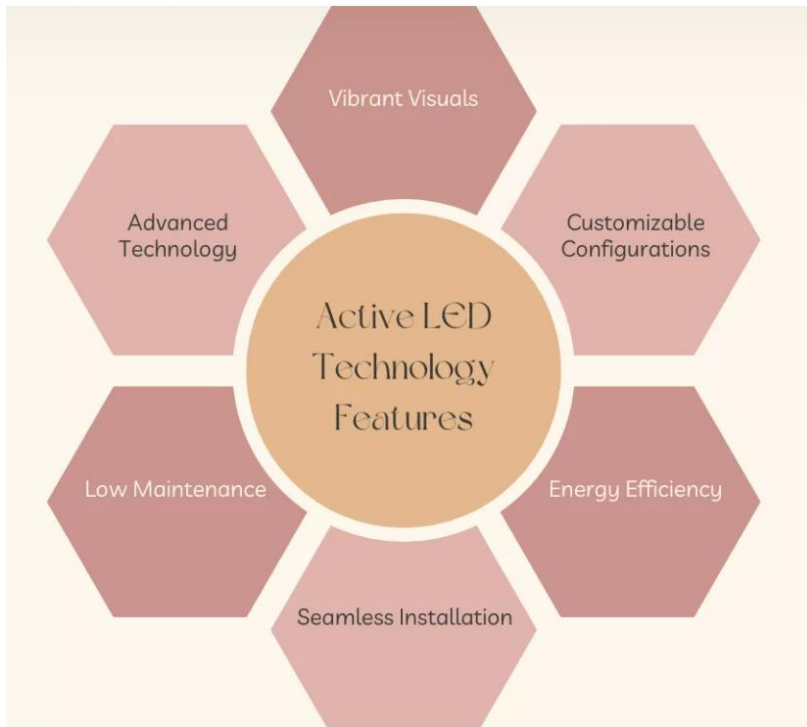


ACTIVE LED DISPLAY

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- PRODUCT INTRODUCTION
- LED DISPLAY MATRIX
 - INDOOR LED DISPLAY
 - OUTDOOR LED DISPLAY
 - CREATIVE DISPLAY
 - LED MODULES
 - RENTAL LED DISPLAY
 - LED CONTROLLERS
- DISPLAY TECHNOLOGIES
- TRAINING VIDEO
- CASE STUDIES & PoC
- PROJECT SYNOPSIS – SITE SURVEY
- MARKET ANALYSIS
- BOQ LED MODULES
- TEAM STRUCTURE

WHY ACTIVE LED DISPLAY



Applications of LED Video Walls

- **Enhancing Public Spaces**
- **Retail and Advertising**
- **Corporate Environments** - used for presentations, [video conferencing](#), and displaying real-time data
- **Entertainment and Events** - Events, concerts, and festivals, dynamic backdrop that adapts to the mood and theme of the event
- **Education and Information Dissemination**



ROI and Energy Efficiency

TYPES OF ACTIVE LED DISPLAYS

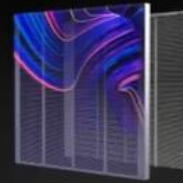
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Indoor LED Displays



LED Module



Creative LED Displays



Video Wall Controller



Outdoor LED Displays



Rental LED Displays



LED Controller

TYPES OF ACTIVE LED DISPLAYS

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LED Product Capability: Rich Product Line

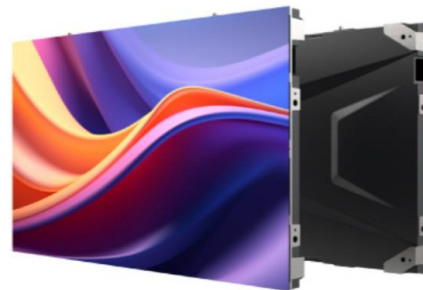


INDOOR LED DISPLAY

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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



Supported by SMD, IMD, and COB encapsulation technologies

OUTDOOR LED DISPLAY

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LumiUltra Series

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



LumiFit Series

- Aluminum profile & shell with efficient heat dissipation
- Automatic moisture removal
- Wall-mounted and floor-standing available
- Aviation plug for easy installation

LumiSquare Series

- Front and rear maintenance available
- Protection IP67 (front) and IP66 (rear)
- Up to 50% energy saving
- 45° cut to achieve seamless 90° splicing



HIKVISION CREATIVE DISPLAY

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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.
- Permeability-oriented material selection and design, no influence on the original building appearance



Rental LED

- High precision cast aluminum cabinet, ultra-thin and light weight
- Both the 500x500mm and 500x1000mm cabinets use a minimalist mini control box of the same model and can be shared, Saving installation and calibrating time;
- Optional curved lock, capable of splicing large screens with $\pm 10-15^\circ$ inner arc, outer arc, 90° corner, etc;
- The modular button lock design allows for fast assembly, disassembly and maintenance within 5 seconds;
- Work in silence: no fan, noise $\leq 40\text{DB}$; Not affecting the on-site audio-visual effect;
- Indoor and outdoor universal pixel pitches with P1.9/2.6/2.9/3.9/4.8 etc;Specialized in providing overall LED display solutions for events sucas conferences, stage, product launches, and real estate。



Hikvision Rental LED Displays – Effortless installation

HIKVISION LED MODULES

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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

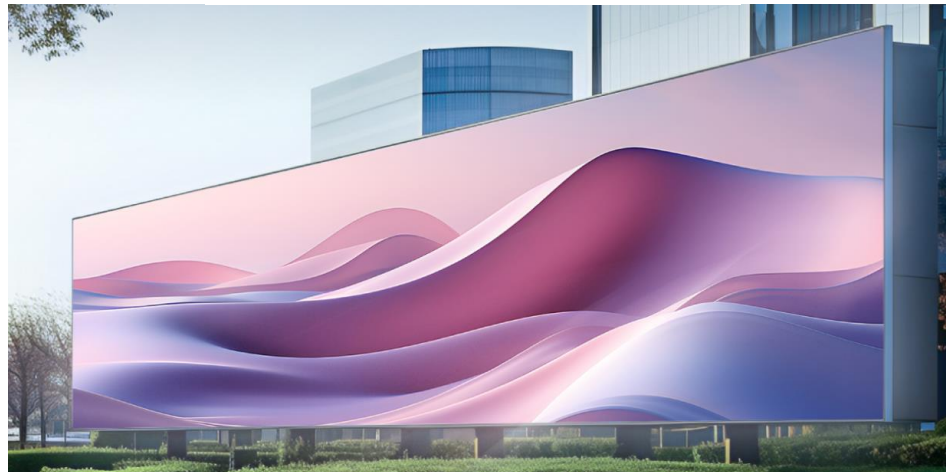


Outdoor LED Module

- 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



LED Modules – Expand your vision with infinite flexibility

HIKVISION LED CONTROLLERS

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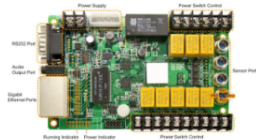
DS-DT60P-02HDI12NO/U
12 Ports 3-in-1 LED Controller



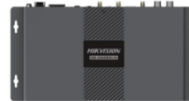
DS-DT60P-02HDI20NO/U
20 Ports 3-in-1 LED Controller



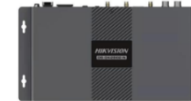
DS-DT60P-02HI04NO
4 Ports 3-in-1 LED Controller



DS-D42AM2-N
LED Multi-function Card



DS-D42B01-N
LED controller



DS-D42B02-N
LED controller

LED Controllers – Enabling seamless visual impact

HIKVISION LED TECHNOLOGY

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**Self-developed LED
control products**



**PixMaster intelligent
image engine**



**HikCentral Focsign unified
control software**



**Single-cabinet calibration
algorithm**

ACTIVE LED DISPLAY - DISPLAY TECHNOLOGY

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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.

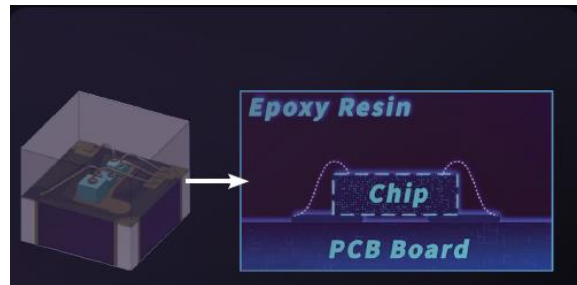


Excellent Display Performance

ACTIVE LED DISPLAY - Energy-saving Technologies

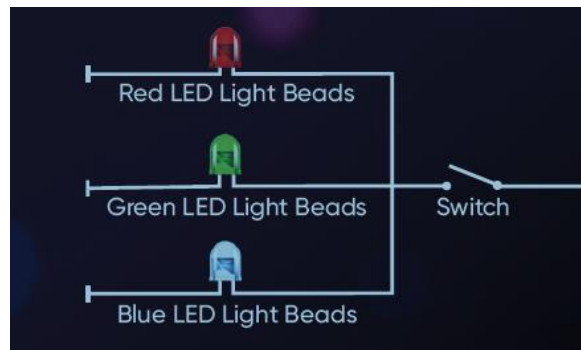
Flip chip COB

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



Common cathodes

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

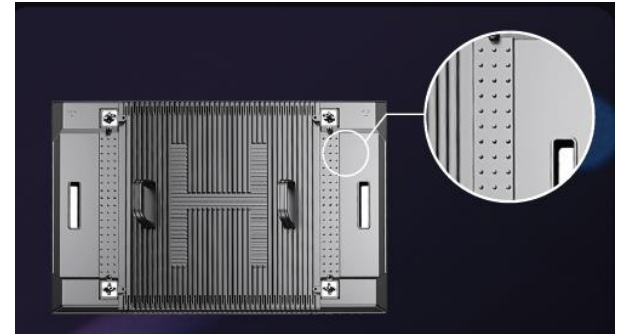


ACTIVE LED DISPLAY - Energy-saving Technologies

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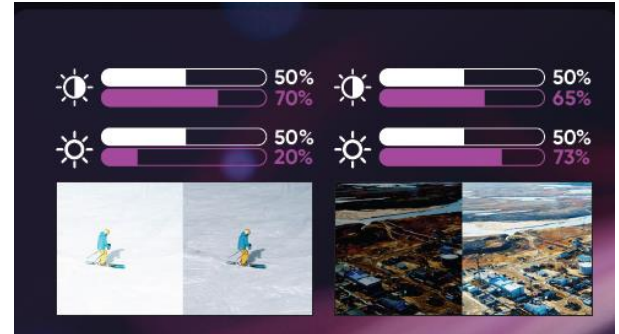
Aluminum cabinets

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.



HIKVISION LED INSTALLATION

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INDOOR INSTALLATION



OUTDOOR INSTALLATION

HIKVISION ACTIVE LED - CASE STUDIES

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OUTDOOR LED DISPLAY - SHOP

AMBAJI TEMPLE

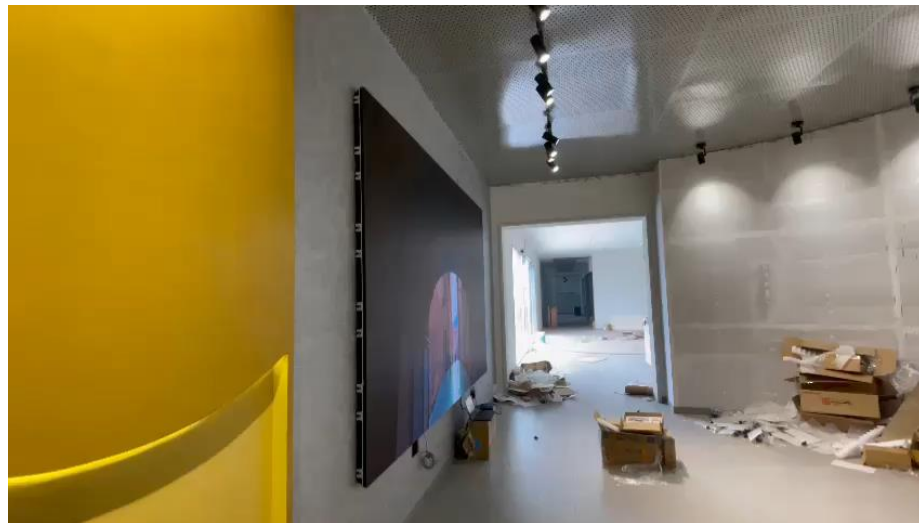
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Workshop Places

LED ACTIVE INSTALLED AT RECEPTION

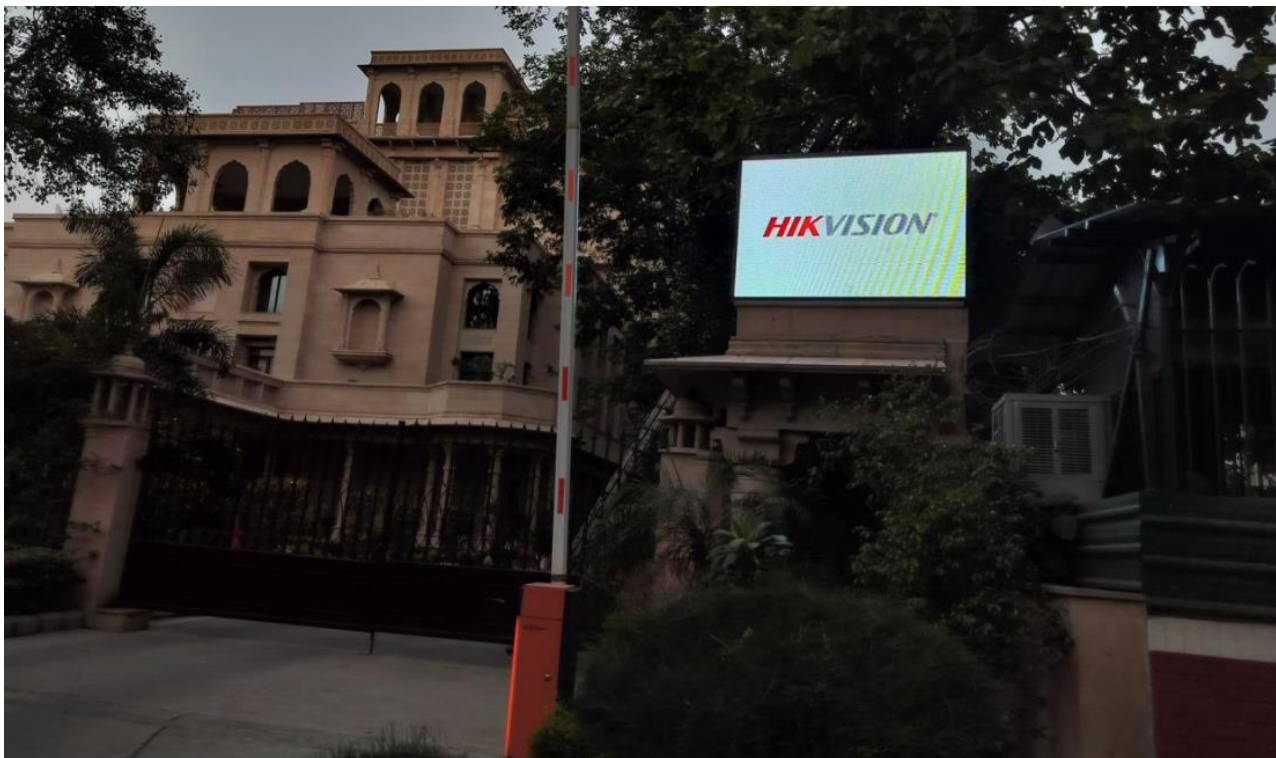
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RECEPTION AREA – CORPORATE OFFICE

HIKVISION ACTIVE LED - CASE STUDIES

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OUTDOOR LED DISPLAY

NAKED EYE 3D LED DISPLAY

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VERTICAL SPECIFIC CASE STUDIES



DLF Mal Delhi - 48 sq mtrs



KIIT Bhubaneswar- 5 Displays, 59 sq mtrs



Orissa Govt Hospitals - 12 Displays



EK Nayanar Museum Kerala- 21 Sq mtrs



Body First- 150 Outlets LED



Chegur Ashram Hyderabad- 2 Displays -144sq mtrs



Varanasi Smart City- 10 Displays



Delhi PWD- 86 Sites - 600 Displays - 275Cr

VERTICAL SPECIFIC CASE STUDIES

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INDOOR - RETAIL DISPLAY

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OUTDOOR DISPLAY

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3D OUTDOOR BUILDING FAÇADE & DUAL VIEW SIGNAGE



Thanks!