

# HA-C01



## Ultra-High-Definition Indoor COB Fine-Pitch LED Display



High Protection



Front Maintenance



Power signal backup



High Grayscale & Refresh Rate



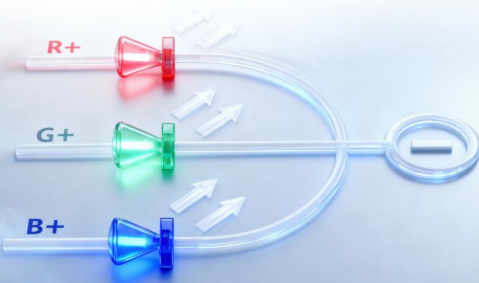
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Ultra-Light and Slim

### Micro LED Common Cathode Integration

The common cathode IC architecture effectively reduces temperature rise, minimizing LED damage. Paired with low-power Micro LED chips, it extends the display's lifespan to over 100,000 hours.



### Durable & Reliable COB Packaging

Meets IP65 standards, offering water, dust, impact resistance, and more. The surface can be wiped with a soft cloth, making it durable and convenient.



### Low Power High Efficiency

Utilizes 3D ink color printing technology to increase luminous efficiency by 20%, reducing power consumption by 20% at the same brightness level.



### Power signal Backup for Stability

Optional Power signal backup, ensuring long-term stable and reliable operation of the large display system.



### Enhanced Black Levels and Contrast

SkyFlex's next-gen ink technology enhances black performance, achieving a high contrast ratio of 15,000:1.



## SkyFlex Data Visualization Solution

SkyFlex's visualization solution is designed for command centers and mission-critical environments. It centers on high-definition LED display technology, integrating multi-signal processing and intelligent control to create a visual command hub for centralized information and efficient dispatch.



### ► System Advantages

#### Reliable Continuous Operation

Innovative system architecture ensures stable 7×24 performance under demanding operational conditions.

#### Advanced Signal Management

Supports real-time multi-source signal input and seamless switching, displaying video, data, GIS maps, and more simultaneously.

#### Intelligent Centralized Control

Enables remote monitoring, fault alerts, and brightness adjustment via a unified platform, improving operational efficiency.

### ► Key Features

#### Ultra-HD Precision Display

High contrast and refresh rate deliver sharp, accurate visualization for data and situational awareness.

#### Flexible Screen Management

Supports full-screen, split-screen, and roaming display modes to adapt to various command scenarios.

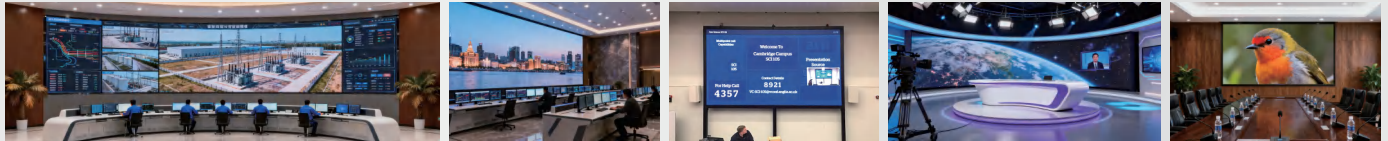
#### Efficient Operation Tools

Includes preset storage, quick signal cropping, and smart diagnostics for uninterrupted command decision-making.

**SkyFlex provides a stable, intelligent, and efficient LED visualization solution that enhances situational awareness and accelerates decision-making in command-critical applications.**

# Superior Color Uniformity

Independent pixel color calibration ensures a color deviation of  $\Delta x, y < 0.003$ , delivering uniform, natural colors that closely match human eye perception.



## ► Applications



Security Monitoring



Command & Dispatch



Video Conferencing



Studio Halls

## ► Product specification

Product	HA-091C01	HA-121C01	HA-151C01
Pixel Pitch (mm)	0.9	1.2	1.5
Scan Rate	1/54	1/60	1/54
Max Power (W/m <sup>2</sup> )	260	240	210
Material	Die-cast aluminum		
Brightness (nits)	600		
Cabinet Size (mm)	600 * 337.5 * 35		
Refresh Rate (Hz)	3840		
Grayscale (bit)	13		
IP Rating	IP65/IP30		
Maintenance	Front maintenance		