

HA-C02



High-definition Fine Pitch LED Display Screen



High Protection



Front Maintenance

Power
signal backupHigh Grayscale
& Refresh Rate

16:9



Ultra-Light and Slim

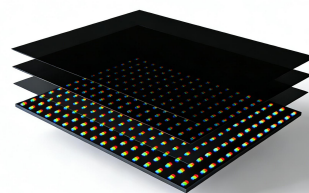
Extremely Light And Slim

Adopt die-casting modular design, 16:9 ratio design, cabinet width only 38 mm, saving the installation space and edge covering cost.

Thick
37.7mmWeight
4.1kg

Flip-chip COB Packaging

Each pixel is composed of RGB full flip-chip integrated packaging, and fixed on the circuit board separately, which accelerates heat dissipation and the surface temperature of the screen is low.



Seamless Display

Patent surface treatment technology, ultra-high ink color consistency and flatness, the display panel does not reflect light.



Sturdy and durable

IP65 protection level, long-term thermal expansion and contraction test, screen surface temperature $\leq 40^{\circ}\text{C}$, long service life



Enhanced Black Levels and Contrast

SkyFlex's next-gen ink technology enhances black performance, achieving a high contrast ratio of 5000:1.



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.

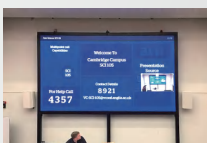
Efficient Operation Tools

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-061C02	HA-071C02	HA-091C02	HA-121C02	HA-151C02	HA-181C02
Pixel Pitch (mm)	0.6	0.7	0.9	1.2	1.5	1.8
Scan Rate	1/60	1/64	1/54	1/60	1/54	1/45
Max Power (W/m ²)	390	425	330	295	280	280
Material	Die-cast aluminum					
Brightness (nits)	600					
Cabinet Size (mm)	600 * 337.5 * 37.7					
Refresh Rate (Hz)	3840					
Grayscale (bit)	16	16	14	13	13	13
IP Rating	IP65/IP30					
Maintenance	Front maintenance					

SkyFlex

Distribution Frankfurt am Main: T: 069-66575962

Always On, Always Energy-Saving

SkyFlex – New sub-brand under Dicolor's fixed installation product line. Backed by technical expertise & customer insights, it delivers reliable, energy-efficient, high-performance LED fixed installation display solutions globally.

<https://www.dvled.de>