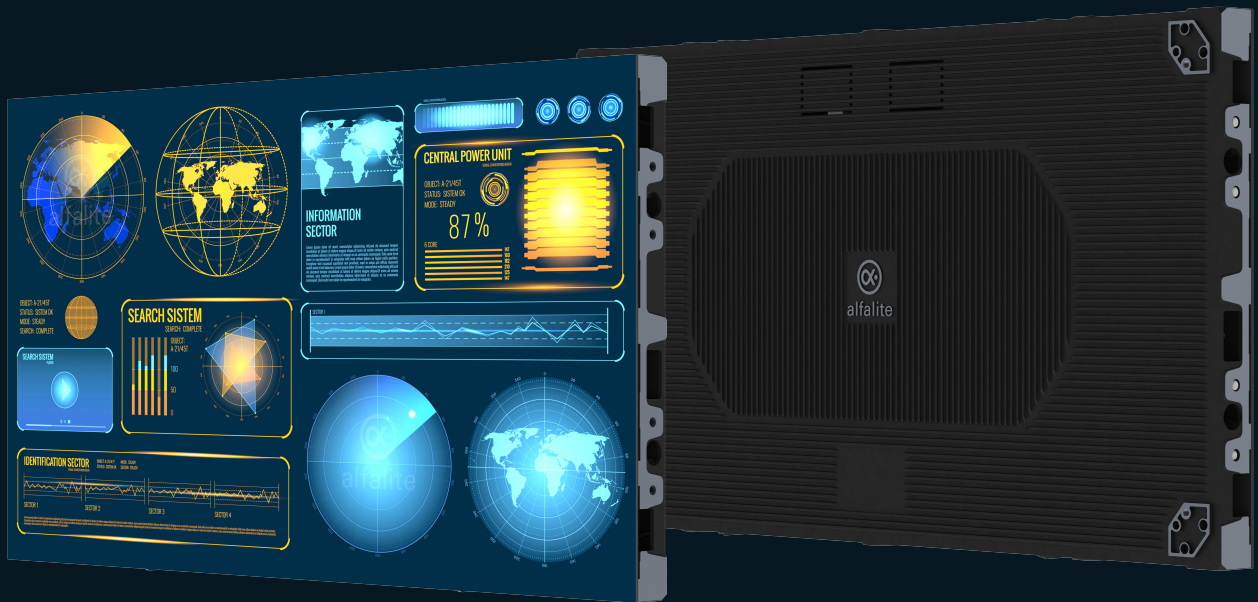




alfalite®

LED DISPLAYS

UHD FINEPIX® Series MATIX AlfaCOB® & AlfaMIP®



ULTRA HD PANEL FOR CRITICAL MISSIONS
IN CONTROL ROOMS, BOARDROOM,
BROADCAST AND VP XR

www.alfalite.com

ALFALITE UHD FINEPIX MATIX AlfaCOB® & AlfaMIP® ALL IN ONE

TOUCH SCREEN

- ∞ Interactive
- ∞ **Infrared** Touch Screen
- ∞ **Multi-touch 20 points** Tecnología

UHD FINEPIX® Panels
Best image and video quality



Meeting Control System (X Mirror)

Multiple Screen Projection Mode

AI Voice Control

Remote Control

SMART TV



CONTROL SMARTSHARE

Corporate environments
and **Control Rooms**



- ON / OFF
- SHARE CONTENT
- ANNOTATIONS
- INTERACTIVE WHITEBOARD

USB Display, Plug&Play

APP Smart Control

Input: HDMI1.3 & USB2.0

Output: HDMI1.3, Audio & SPDIF

WiFi Control & Sensor

MEDIA PLAYER



LED SCREENS ADVANTAGES VS VIDEOWALLS

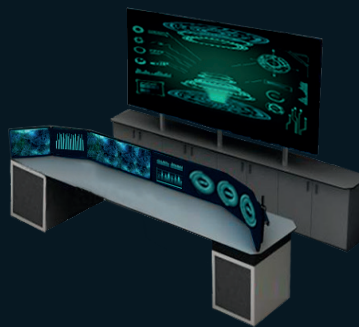
Best image quality

- Enhanced uniform calibration
- Seamless and clean image appearance
- Higher balance and color depth
- Higher brightness (pixel to pixel calibration)
- Deepest blacks
- Best contrast; 3-5:1



Mechanical Accuracy

- No-gap assembly
- Unparalleled flat surface
- Curve option (concave) assembly



High efficiency consumption

- Great Lifespan: >100,000 hours
- Control Parameters according to needs
- Low working temperature. Less dissipation

Special service and maintenance

- No disruptive module change
- Rear and Front service
- One by one components repair

SCALABLE. UNIVERSAL SIZE

433"	16 x 16 Panels 8K: 7680 x 4320
217"	8 x 8 Panels 4K: 3840 x 2160
108"	4 x 4 Panels FULL HD: 1920x 1080
Finepix 1.2 resolution	

ALFALITEWOW



MODULAR



COLOR
CONSISTENCY



SCALABLE AND
ADVANCE DESING

VIDEOWALL SIZES

Meters	0,60x0,38m	1,20x0,67m	1,80x1,01m	2,40x1,35m	3,00x1,68m	3,60x2,02m	4,20x2,36m	4,80x2,70m	5,40x3,03m	6,00x3,38m	6,60x3,71m	9,60x5,40m
Area	0,20m²	0,81m²	1,82m²	3,24m²	5,04m²	7,29m²	9,92m²	12,96m²	16,40m²	20,25m²	24,50m²	51,84m²
Diagonal	27,1"	54,2"	81,3"	108,4"	135,5"	162,6"	189,7"	216,8"	243,9"	271"	298,1"	433,6"

SMART ALFALITE® FACTORY 4.0

SMART PANEL

∞ Preemptive and remote maintenance

- Temperature and humidity
- Data/video connectors
- Sender and receiver card control

∞ Remote monitoring and control

- External elements
- Color and brightness value
- Refresh rate (Hz)

#openyoureyes
#wearealfalite



COLOR
CONSISTENCY



No Fans-Noise Free
Wireless FA, HUB and modules
Heat dissipation by free convection

EUROPEAN MANUFACTURER 4.0

∞ Mechanical and electronic industrial design

- Design tools for CAD and 3D
- AR simulation (Augmented reality)

∞ PCB Manufacture. Inhouse SMD production lines

- Traceability
- Measurements for BIG DATA
- Control system and automation

∞ LEAN Manufacturing methodology

Quality, Reliability, Durability
COLOR/BRIGHTNESS ALFALITE
CUSTOMISED CALIBRATION

SMART POWERBOX

∞ Redundancy Option in:

- Power Supply
- Receiving Card
- Powerbox Status display
 - Status Report database collection, Data/Video
 - Main/Back-up Signal State

Alfalite MATIX AlfaCOB®

MULTIPROPERTY OPTICAL MULTILAYER INJECTION CHIP ON BOARD

OPTIMISATION OF FEATURES

- (Matix) Matte & Less Reflections
- Extended viewing angle up to 175° horizontally and Vertically
- Higher Brightness on the market
- Better Chromatic and Light Uniformity
- Ultra Dark Contrast. Pure Blacks

MAXIMUM TECHNICAL PRECISION

- Better Accuracy between Modules. < 0.05mm
- Improves Light Distortion at the joints of modules and panels
- Lower Reflections and Glare

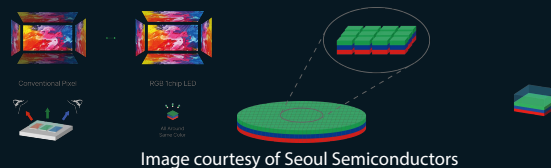


Image courtesy of Seoul Semiconductors



USER - FOCUSED

- Greater Thermal Dissipation
- Static Electricity Protection parameters ESD > 10kV
- Anti Blue Light Visual Comfort
- Shortest Repair Time on the market

GUARANTEED RELIABILITY

- Protection against impacts, liquids y chemical agents
- Lower Consumption on the market
- Better Adhesion to the substrate (PCB)
- No discoloration in intensive use

ULTRA HIGH RESOLUTION - FINEPIX®

UHD FINEPIX MATIX AlfaCOB® & AlfaMIP® RESOLUTION

Model	1x1	2x2	3x3	4x4	5x5	6x6	7x7	8x8	9x9	10x10	11x11	12x12	16x16
UHD Finepix 0.9	640x360	1280x720	1920x1080	2560x1440	3200x1800	3840x2160	4480x2520	5120x2880	5760x3246	6400x3600	7040x5960	7680x4320	10240x5760
UHD Finepix 1.2	480x270	960x540	1440x810	1920x1080	2400x1350	2880x1620	3360x1890	3840x2160	4320x2430	4800x2700	5280x2970	5760x3240	7680x4320
UHD Finepix 1.5	384x216	768x432	1152x648	1536x864	1920x1080	2304x1296	2688x1512	3072x1728	3456x1944	3840x2160	4224x2376	4608x2592	6114x3456

FULL HD 1920 x 1080

4 K 3840 x 2160

8 K 7680 x 4320

CUTTING EDGE TECHNOLOGY, DESIGNED TO THRILL

PRODUCT SPECIFICATIONS

UHD FINEPIX MATIX AlfaCOB® & AlfaMIP®

Model	UHD Finepix 0.6	UHD Finepix 0.9	UHD Finepix 1.2	UHD Finepix 1.5	UHD Finepix 1.8
PIXEL PITCH (mm)	0,6	0,9	1,2	1,5	1,8
PANEL RESOLUTION (pixel)	960 x 540	640 x 360	480 x 270	384 x 216	320 x 180
PIXEL DENSITY (px/m²)	2.560.000	1.137.777	640.000	409.600	284.444
PANEL SIZE (mm)	600 x 337,5				
PIXEL CONFIGURATION	COB / MIP		COB		
PANEL WEIGHT (kg) Aluminium/Magnesium	5				
BRIGHTNESS (cd/m²)	1.500 (COB) / 900 (MIP)		1.500		
REFRESH RATE (Hz)	7.680 (COB) / 3.840 MIP		7.680		
IP PROTECTION LEVEL (front/rear)	IP65 / IP22				
AVERAGE POWER CONSUPTION (W/panel)	23				
LIFESPAN (hours)	100.000				
VIEWING ANGLES	175° / 175°				
SERVICE TEMPERATURE (°C)	-20° ~ +45°				
SERVICE HUMIDITY (%)	10° ~ 90°				

(1) MICROLED COB

- ∞ Chip integrated directly into the PCB. Fewer LED failures.
- ∞ Greater dissipation. Extends LED lifespan.
- ∞ Greater protection against impact, dust and humidity.
- ∞ Improves antistatic electricity.

(2) MIP

- ∞ MiniLED in Package. Combines flip chip assembly and common cathode technologies to cover ultra-small pixel pitches ranging.
- ∞ Anti-glare film, anti-reflective film and blackening film.
- ∞ These coatings collectively enhance the black levels, resulting in a deeper and more consistent product appearance.

CERTIFICATIONS   



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* Technical Specifications can be flexible depending on the project

** CE and FCC certifications far exceed the values of the standard