alfalite®

UHD Finepix® Series

ULTRA HD PANEL FOR CRITICAL MISSIONS
IN CONTROL ROOMS, SENSITIVE INFORMATION
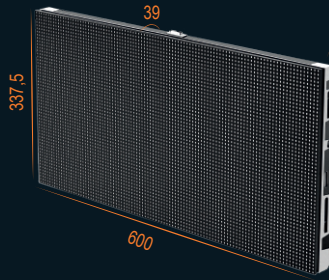AND EMERGENCY MANAGEMENT ROOMS

www.alfalite.com

ALFALITE UHD FINEPIX.® ALL IN ONE

TOUCH SCREEN

- Interactive
- Infrared Touch Screen
- Multi-touch 20 points Technology

UHD FINEPIX® Panels
Best image and video quality

39
337,5
600

MULTISCREEN DATA

- Auxiliary preview/display
- 8 entry Multi-window
- Up to six 4K signals
- Transition effects
- 10 Pre-designed templates
- Interface operator

CONTROL CLICKSHARE

ON / OFF

SHARE CONTENT

ANNOTATIONS

INTERACTIVE WHITEBOARD

Corporate enviroments
and Control Rooms

OPERATION CONSOLES

Multi-display mounting structures
Chest of drawers - Racks 19"
Ergonomic chairs 24/7/365
Ergonomic Accessories

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)
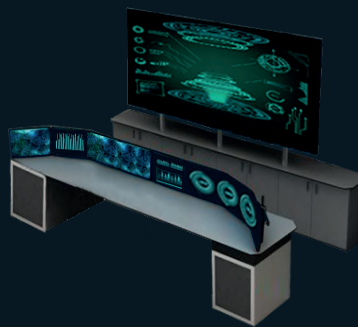- Deepest blacks
- Best contrast; 3-5:1

Mechanical Accuracy

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

±15° CURVE OPTION

High efficiency consumption

- Great Lifespan: >100.000 hours
- Control Parameters according to needs
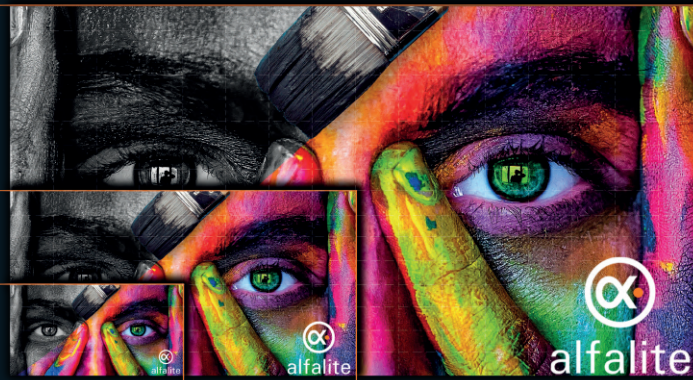- Low working temperature. Less dissipation

Special service and maintenance

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

SCALABLE. UNIVERSAL SIZE

16x16 Panels
8K: 7680 x 4320

8x8 Panels
4K: 3840 x 2160

4x4 Panels
FULL HD:1920 x 1080

*The resolution is indicated to Alfalite UHD Finepix®1.2

108"   217"   433"

ALFALITEWOW

MODULAR

COLOR CONSISTENCY

SCALABLE AND ADVANCE DESING

VIDEOWALL SIZES

Meters	0,60x0,39m	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	5,26m²	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)

DISPLAY CONFIGURATION REMOTE PANEL   Calibration   Brightness   Monitoring   Control

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

SMART POWERBOX

- Powerbox Status display
  - └ Status Report database collection, Data/video
  - └ Main/Back-up signal state

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

ALFALITEWOW

COLOR/BRIGHTNESS ALFALITE®
CUSTOMISED CALIBRATION

#openyoureyes
#wearealfalite

COLOR CONSISTENCY

ULTRA HIGH RESOLUTION - FINEPIX®

FINEPIX® RESOLUTION

Modelo	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
UHD Finepix 1.8	320x180	640x360	960x540	1280x720	1600x900	1920x1080	2240x1260	2560x1440	2880x1620	3200x1800	3520x1980	3840x2160	5120x2880

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©				
Model	UHD Finepix 0.9 COB	UHD Finepix 1.2 COB / SMD	UHD Finepix 1.5 COB / SMD	UHD Finepix 1.8 SMD
PIXEL PITCH (mm)	0.9	1.2	1.5	1.8
PANEL RESOLUTION (pixel)	640 x 360	480 x 270	384 x 216	320 x 180
PIXEL DENSITY (px/m²)	1.137.777	640.000	409.600	284.444
PANEL SIZE (mm)	600 x 337,5			
PIXEL CONFIGURATION	RGB 3 IN 1 COB	RGB 3 IN 1 SMD / COB	RGB 3 IN 1 SMD / COB	RGB 3 IN 1 SMD / COB
PANEL WEIGHT (kg) Aluminium/Magnesium	7'5		8	
BRIGHTNESS (cd/m²)	500	500 / 900	500 / 900	900
REFRESH RATE (Hz)	>3.000	>3.000 / >3.720	>3.000 / >3.720	>3.720
IP PROTECTION LEVEL (rear/front)	IP22 indoor			
AVERAGE POWER CONSUPTIOM (W/panel)	50			
LIFESPAM (hours)	100.000			
VIEWING ANGLES	170º/170º	170º/170º / 160º/160º	170º/160º / 160º/160º	160º/160º
SERVICE TEMPERATURE (ºC)	-20º ~ +45º			
SERVICE HUMIDITY (%)	10º ~ 90º			

(1) MICROLED COB
- Chip integrated directly into PCB. Less LED Failures
- Higher heat dissipation. Extends the life ot the LEDs
- Increased protection against bumps, dust and humidity
- Improves antistatic electricity

CERTIFICATIONS CE RoHS

* Technical specifications are flexible and can be modified in accordance with the project requirements.

** EMC and ROHS certifications far exceed the values of the standard