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

www.alfalite.com
TOUCH SCREEN
- Interactive
- Infrared Touch Screen
- Multi-touch 20 points Technology

UHD FINEPIX® Panels
Best image and video quality

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

CONTROL CLICKSHARE
Corporate environments 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

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

VIDEOWALL SIZES
<table>
<thead>
<tr>
<th>Meters</th>
<th>Area</th>
<th>Diagonal</th>
</tr>
</thead>
<tbody>
<tr>
<td>0,60x0,39m</td>
<td>0,20m²</td>
<td>27,1&quot;</td>
</tr>
<tr>
<td>1,20x0,67m</td>
<td>0,81m²</td>
<td>54,2&quot;</td>
</tr>
<tr>
<td>1,80x1,01m</td>
<td>1,82m²</td>
<td>81,3&quot;</td>
</tr>
<tr>
<td>2,40x1,35m</td>
<td>3,24m²</td>
<td>108,4&quot;</td>
</tr>
<tr>
<td>3,00x1,68m</td>
<td>5,26m²</td>
<td>135,5&quot;</td>
</tr>
<tr>
<td>3,60x2,02m</td>
<td>7,29m²</td>
<td>162,6&quot;</td>
</tr>
<tr>
<td>4,20x2,36m</td>
<td>9,92m²</td>
<td>189,7&quot;</td>
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<tr>
<td>4,80x2,70m</td>
<td>12,96m²</td>
<td>216,8&quot;</td>
</tr>
<tr>
<td>5,40x3,03m</td>
<td>16,40m²</td>
<td>243,9&quot;</td>
</tr>
<tr>
<td>6,00x3,38m</td>
<td>20,25m²</td>
<td>271&quot;</td>
</tr>
<tr>
<td>6,60x3,71m</td>
<td>24,50m²</td>
<td>298,1&quot;</td>
</tr>
<tr>
<td>9,60x5,40m</td>
<td>51,84m²</td>
<td>433,6&quot;</td>
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</tbody>
</table>

*The resolution is indicated to Alfalite UHD Finepix/1.2

ALFALITE WOW
- MODULAR
- COLOR CONSISTENCY
- SCALABLE AND ADVANCE DESING
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)

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

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

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

ULTRA HIGH RESOLUTION - FINEPIX®

FINEPIX RESOLUTION

<table>
<thead>
<tr>
<th>Modelo</th>
<th>1x1</th>
<th>2x2</th>
<th>3x3</th>
<th>4x4</th>
<th>5x5</th>
<th>6x6</th>
<th>7x7</th>
<th>8x8</th>
<th>9x9</th>
<th>10x10</th>
<th>11x11</th>
<th>12x12</th>
<th>16x16</th>
</tr>
</thead>
<tbody>
<tr>
<td>UHD Finepix 0.9</td>
<td>640x360</td>
<td>1280x720</td>
<td>1920x1080</td>
<td>2560x1440</td>
<td>3200x1800</td>
<td>3840x2160</td>
<td>4480x2520</td>
<td>5120x2880</td>
<td>5760x3240</td>
<td>6400x3600</td>
<td>7040x3960</td>
<td>7680x4320</td>
<td>10240x5760</td>
</tr>
<tr>
<td>UHD Finepix 1.2</td>
<td>480x270</td>
<td>960x540</td>
<td>1440x810</td>
<td>1920x1080</td>
<td>2400x1350</td>
<td>2880x1620</td>
<td>3360x1890</td>
<td>3840x2160</td>
<td>4320x2430</td>
<td>4800x2700</td>
<td>5280x2970</td>
<td>5760x3240</td>
<td>7680x4320</td>
</tr>
<tr>
<td>UHD Finepix 1.5</td>
<td>384x216</td>
<td>768x432</td>
<td>1152x648</td>
<td>1536x864</td>
<td>1920x1080</td>
<td>2304x1296</td>
<td>2688x1512</td>
<td>3072x1728</td>
<td>3456x1944</td>
<td>3840x2160</td>
<td>4224x2376</td>
<td>4608x2592</td>
<td>6144x3456</td>
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<tr>
<td>UHD Finepix 1.8</td>
<td>320x180</td>
<td>640x360</td>
<td>960x540</td>
<td>1280x720</td>
<td>1600x900</td>
<td>1920x1080</td>
<td>2240x1260</td>
<td>2560x1440</td>
<td>2880x1620</td>
<td>3200x1800</td>
<td>3520x1980</td>
<td>3840x2160</td>
<td>5120x2880</td>
</tr>
</tbody>
</table>

FULL HD 1920 x 1080

4 K 3840 x 2160

8 K 7680 x 4320

#openyoureyes
#wearealfalite
# PRODUCT SPECIFICATIONS

## UHD FINEPIX®

<table>
<thead>
<tr>
<th>Model</th>
<th>UHD Finepix 0.9 COB</th>
<th>UHD Finepix 1.2 COB / SMD</th>
<th>UHD Finepix 1.5 COB / SMD</th>
<th>UHD Finepix 1.8 SMD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PIXEL PITCH (mm)</strong></td>
<td>0.9</td>
<td>1.2</td>
<td>1.5</td>
<td>1.8</td>
</tr>
<tr>
<td><strong>PANEL RESOLUTION (pixel)</strong></td>
<td>640 x 360</td>
<td>480 x 270</td>
<td>384 x 216</td>
<td>320 x 180</td>
</tr>
<tr>
<td><strong>PIXEL DENSITY (px/m²)</strong></td>
<td>1.137.777</td>
<td>640.000</td>
<td>409.600</td>
<td>284.444</td>
</tr>
<tr>
<td><strong>PANEL SIZE (mm)</strong></td>
<td>600 x 337.5</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>PIXEL CONFIGURATION</strong></td>
<td>RGB 3 IN 1 COB</td>
<td>RGB 3 IN 1 SMD / COB</td>
<td>RGB 3 IN 1 SMD / COB</td>
<td>RGB 3 IN 1 SMD / COB</td>
</tr>
<tr>
<td><strong>PANEL WEIGHT (kg)</strong></td>
<td>7.5</td>
<td>8</td>
<td></td>
<td></td>
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<tr>
<td><strong>BRIGHTNESS (cd/m²)</strong></td>
<td>500</td>
<td>500 / 900</td>
<td>500 / 900</td>
<td>900</td>
</tr>
<tr>
<td><strong>REFRESH RATE (Hz)</strong></td>
<td>&gt;3.000</td>
<td>&gt;3.000 / &gt;3.720</td>
<td>&gt;3.000 / &gt;3.720</td>
<td>&gt;3.720</td>
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<tr>
<td><strong>IP PROTECTION LEVEL</strong></td>
<td></td>
<td></td>
<td>IP22 indoor</td>
<td></td>
</tr>
<tr>
<td><strong>AVG POWER CONSUMPTION (W/panel)</strong></td>
<td>50</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>LIFESPAN (hours)</strong></td>
<td>100.000</td>
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<td></td>
<td></td>
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<tr>
<td><strong>SERVICE TEMPERATURE (°C)</strong></td>
<td>-20° ~ +45°</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SERVICE HUMIDITY (%)</strong></td>
<td>10° ~ 90°</td>
<td></td>
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</tbody>
</table>

**MicroLED COB**
- Chip integrated directly into PCB. Less LED Failures
- Higher heat dissipation. Extends the life of the LEDs
- Increased protection against bumps, dust and humidity
- Improves antistatic electricity

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## CUTTING EDGE TECHNOLOGY, DESIGNED TO THRILL

* 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

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