

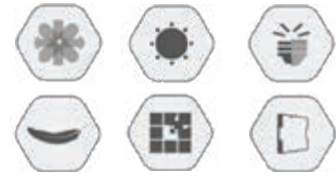
TRAULUX U-FIX

LED screens for indoor fixed installations.

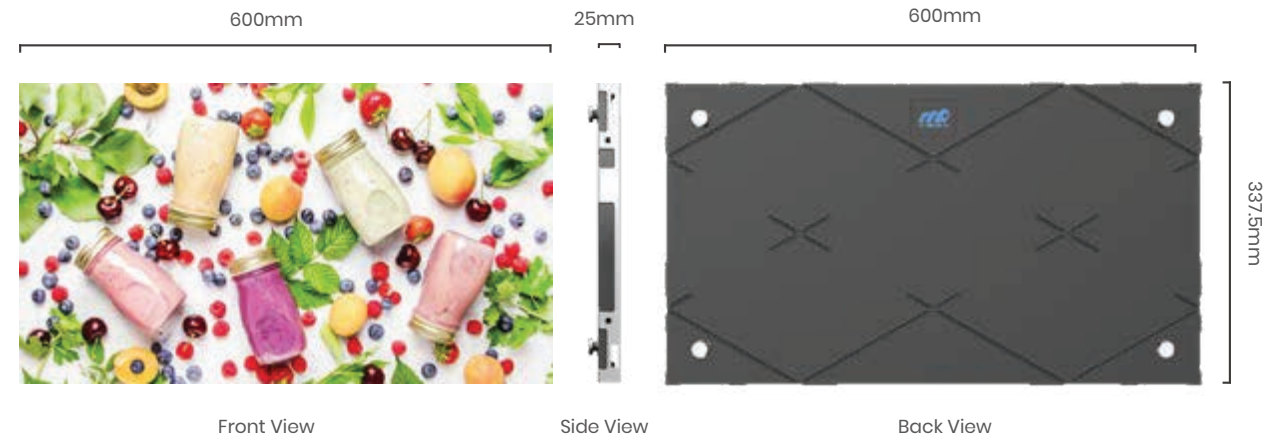
traulux



U-Fix 0.9
 U-Fix 1.2
 U-Fix 1.5
 U-Fix 1.8



Panel Dimensions



Product Parameters

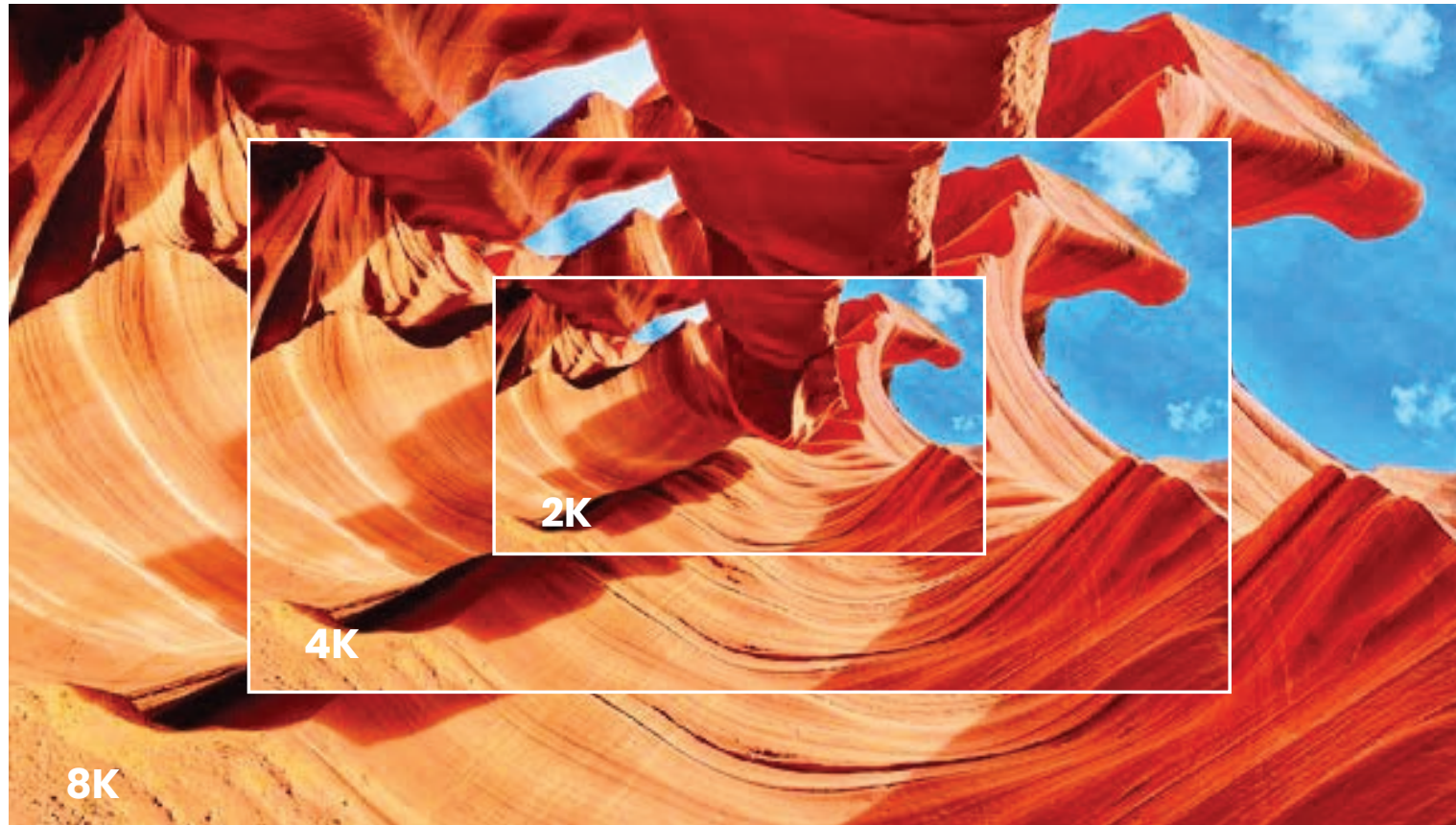
| | Product Model | U-Fix 0.9 | U-Fix 1.2 | U-Fix 1.5 | U-Fix 1.8 |
|--|--|--|-------------------|-------------------------------|--------------|
| | | (Standard) | (Standard) | (Standard) | (Optional) |
| Module Specification | Pixel pitch(mm) | 0.9375 | 1.25 | 1.5625 | 1.875 |
| | Module size(mm) | 300x168.75x3 | 300x168.75x3 | 300x168.75x3 | 300x168.75x3 |
| | Module resolution(pixels) | 320x180 | 240x135 | 192x108 | 160x90 |
| | Brightness (cd m2) | 600 nits | 600 nits | 600 nits | 600 nits |
| | LED type | 4 in 1 | SMD1010 | SMD1212 | SMD1515 |
| | Work voltage(DC) | 2.8V&3.8V | 4.2V | 4.2V | 4.2V |
| | Scanning mode | 1/46 | 1/48 | 1/48 | 1/45 |
| | Cabinet Specification | Dimension(mm) | 600x337.5x25 | | 600x337.5x25 |
| Cabinet resolution(pixels) | | 640x360 | 480x270 | 384x216 | 320x180 |
| Cabinet module composition(W×H) | | 2X2 | 2X2 | 2X2 | 2X2 |
| Cabinet material | | Die-cast aluminum | | Die-cast aluminum | |
| Cabinet weight(kg) | | 4.5 | | 4.5 | |
| Pixel density(Pixels/Cabinet) | | 230400 | 129600 | 82944 | 57600 |
| Gray level(Bits) | | 14 -16 | | 14 -16 | |
| Contrast | | 3000:1-8000:1 | | 3000:1-8000:1 | |
| Color temperature | | 2000K-9500K Adjustable | | 2000K-9500K Adjustable | |
| Refresh rate(Hz) | | 3840 | | 3840 | |
| View angle(Horizontal/Vertical) | | 160°/160° | 160°/160° | 160°/160° | 160°/160° |
| IP Rate(Front/Rear) | | IP30/IP30 | | IP30/IP30 | |
| Power consumption (Max./Aver.) (W/Cabinet) | | 115/40 | 110/40 | 110/40 | 90/35 |
| Input AC voltage | | 100-220 V | | 100-220 V | |
| Working temperature | | -20°C~50°C | | -20°C~50°C | |
| Working humidity | | 10%RH~95%RH | | 10%RH~95%RH | |
| Recommend angle | | >1.5 | >2.0 | >2.5 | >3.0 |
| Supported installation mode | | Stacking、Hanging、Wall-mounted | | Stacking、Hanging、Wall-mounted | |
| Maintenance mode | Front maintenance | | Front maintenance | | |
| Screen Specification | Pixel Density(pixels/m) | 113778 | 640000 | 409600 | 284444 |
| | Power consumption (Max./Aver.)(W/Cabinet) (W/m²) | 400/140 | 460/175 | 350/110 | 380/140 |
| | Signal interface (compatible) | DVI/HDMI | | DVI/HDMI | |
| | Control distance | Category 5e network cable: <100m; Single mode fiber: <10km | | | |
| | LED life span | ≥100,000 Hours | | ≥100,000 Hours | |
| Certification | 3C、RoHS、CE、CB、Test Report、Building fire protection Report、IEC、Prepared certificate:TUV-CE、ETL、FCC. | | | | |

Product Features

- Extremely light and thin design, it is a great flat screen and wall system.
- Panel thickness is only 25mm
- U-FIX front service design save 95% of the mounting space compared to traditional back service display products.
- Therefore, increase 16.6% of meeting room space.
- Magic mini vacuum helps on module changing and position adjustment very easily.
- Perfectly smooth after connection.
- Mary's floating connector on HUB provides ±0.5mm moving flexibility for the module in XYZ direction.
- Modular plug-and-play design on module, HUB, power supplies, cables ensure our maintenance easy and quick.
- Mary's buckle is used for ensure the panel's alignment.
- We have flat buckle and curve buckle.



The cabinet has a 16:9 golden ratio, easy to achieve ultra - high - definition resolutions such as 2K-4K-8K-16K, and point true display effect.

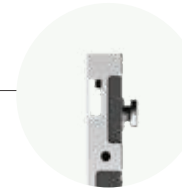


| model \ array | 1x1 | 2x2 | 3x3 | 4x4 | 5x5 | 6x6 | 7x7 | 8x8 | 9x9 | 10x10 | 11x11 | 12x12 |
|---------------|---------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| U-FIX 0.9 | 640x360 | 1280x720 | 1920x1080 | 2560x1440 | 3200x1800 | 3840x2160 | 4480x2520 | 5120x2880 | 5760x3240 | 6400x3600 | 7040x3960 | 7680x4320 |
| U-FIX 1.2 | 480x270 | 960x540 | 1440x810 | 1920x1080 | 2400x1350 | 2880x1620 | 3360x1890 | 3840x2160 | 4320x2430 | 4800x2700 | 5280x2970 | 5760x3240 |
| U-FIX 1.5 | 384x216 | 768x432 | 1152x648 | 1536x864 | 1920x1080 | 2304x1296 | 2688x1512 | 3072x1728 | 3456x1944 | 3840x2160 | 4224x2376 | 4608x2592 |
| U-FIX V1.8 | 320x180 | 640x360 | 960x540 | 1280x720 | 1600x900 | 1920x1080 | 2240x1260 | 2560x1440 | 2880x1620 | 3200x1800 | 3520x1980 | 3840x2160 |

2K 1920x1080

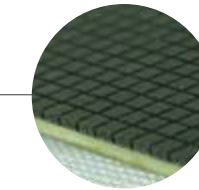
4K 3840x2160

8K 7680x4320



Slimmer, freely control the space

Ultra-slim only 2.5mm thickness, perfect for various application space.



Advanced 4-in-1 MiniLED packaging process

Used on products with fine pitch of 0.9 or smaller.



Perfect display Explore horizon

Fully front maintainance



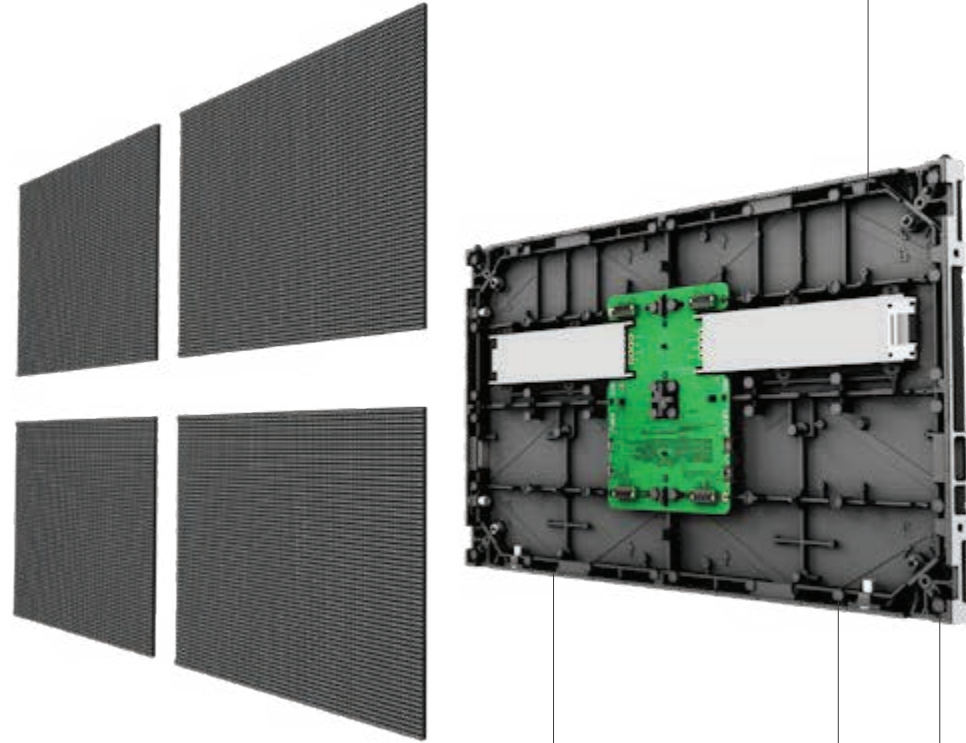
Wireless controller

Seamless splicing with ultra high flatness

Ultra-wide viewing angle

Creative wireless cabinet

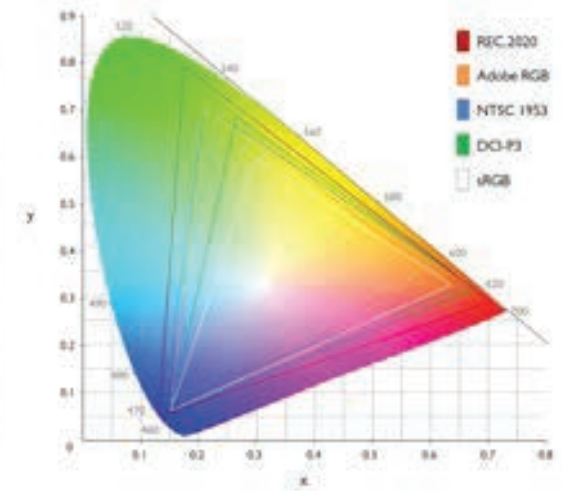
The cabinets adopt any internal wiring method of up, down, left and right, with a simple appearance, no wires exposed, neat and beautiful.



Dual Backup for both Power Supply and Signal

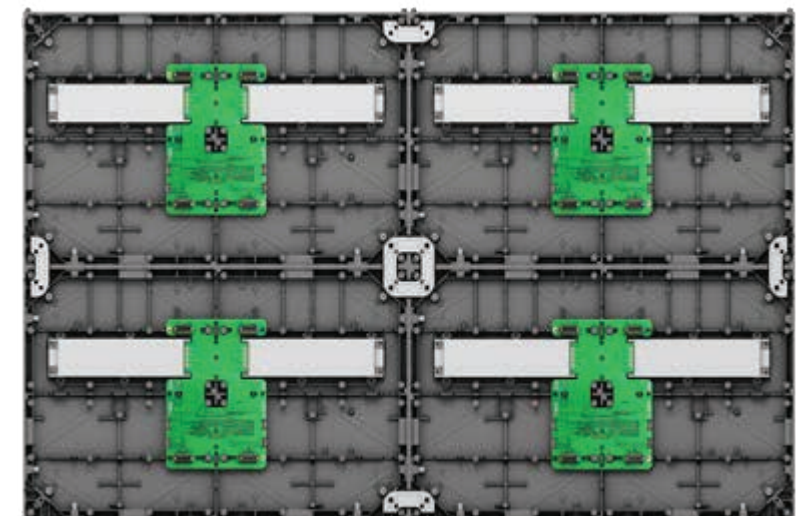
Stunning colors

After adopting high dynamic HDR technology, the color is richer, 120% of the color gamut coverage fully meets the DCI-P3 standard, with more than 28 trillion color displays, Let you experience the lifelike world up close.



Modular design

The module, HUB, receiving card, and power supply can be maintained by front easily. The maintenance speed is more than 5 times faster than that of traditional products, which greatly reduces customer maintenance time.



Has obtained patent certification, MR patented design connecting piece.

MR's unique flat connecting piece and arc connecting piece (used by the inner arc screen) make the combination of the cabinet more accurate, 180 degrees without dead ends. Effectively solve the difference in cabinet installation section and improve the flatness of display splicing.



Application scenario

Conference room, command center, rail transit, monitoring system, banquet hall, etc.



National Network Conference Center, Changpin, Beijing



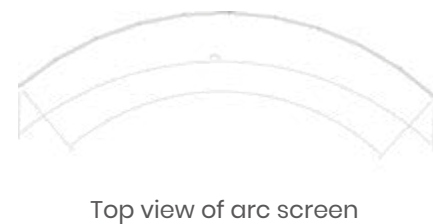
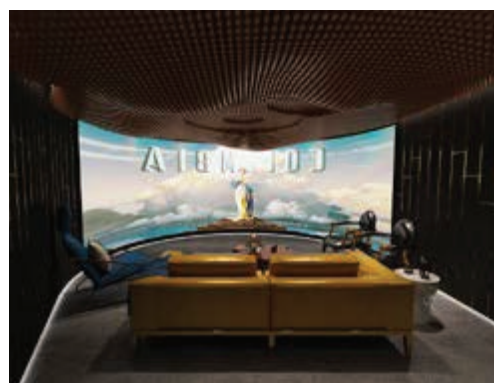
Telecom Bureau, Nanping



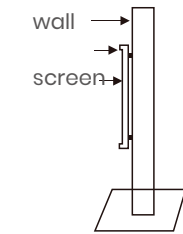
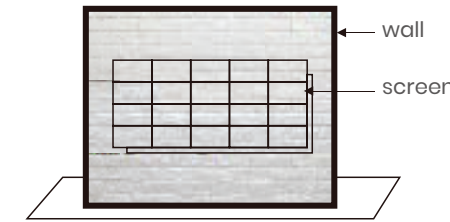
Shanghai Metro Station

Installation diagram

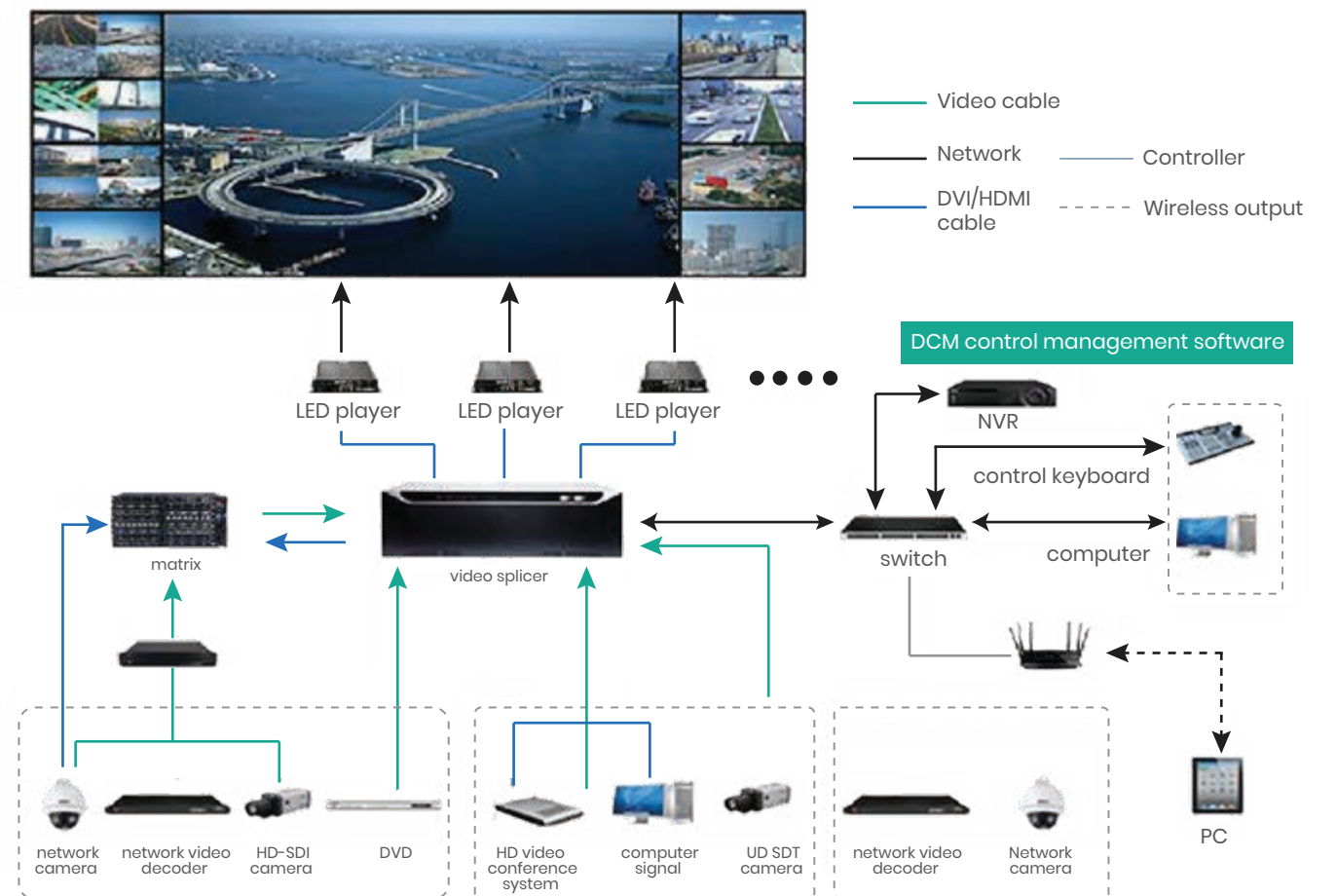
Main installation methods: stacking (inner arc installation, conventional installation), wall installation



Wall mounting installation diagram



Topological Graph



The principle of this topology map is to collect various video sources, transmit them to the video splicer through the network, and then transmit them to the display screen through the player. The various video sources are then transmitted through the matrix (classification of the video source playback position). This system is widely used in Application fields such as traffic command center, military command center, monitoring and dispatching center.