

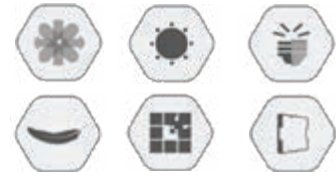
# TRAULUX U-FIX

LED screens for indoor fixed installations.

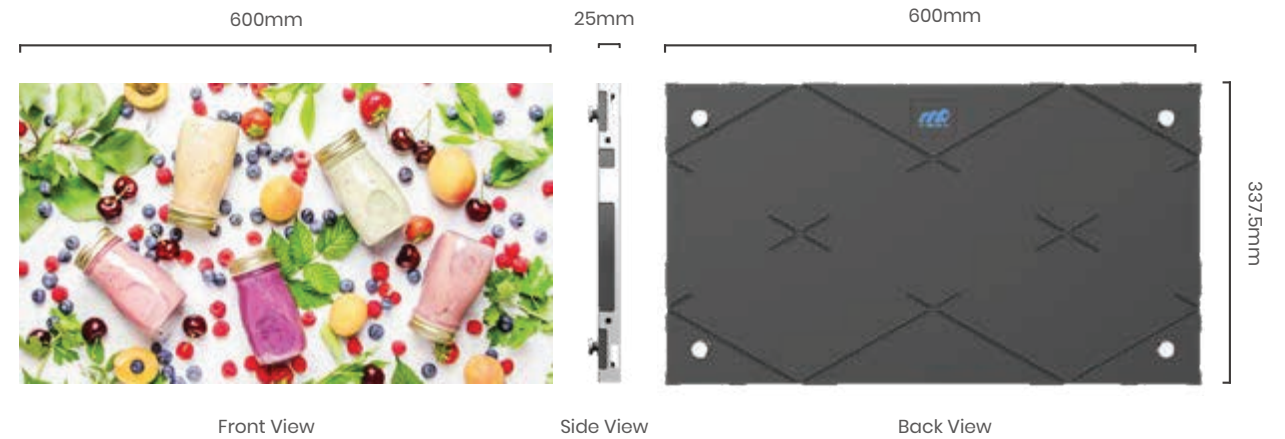
**traulux**



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



## Panel Dimensions



## Product Parameters

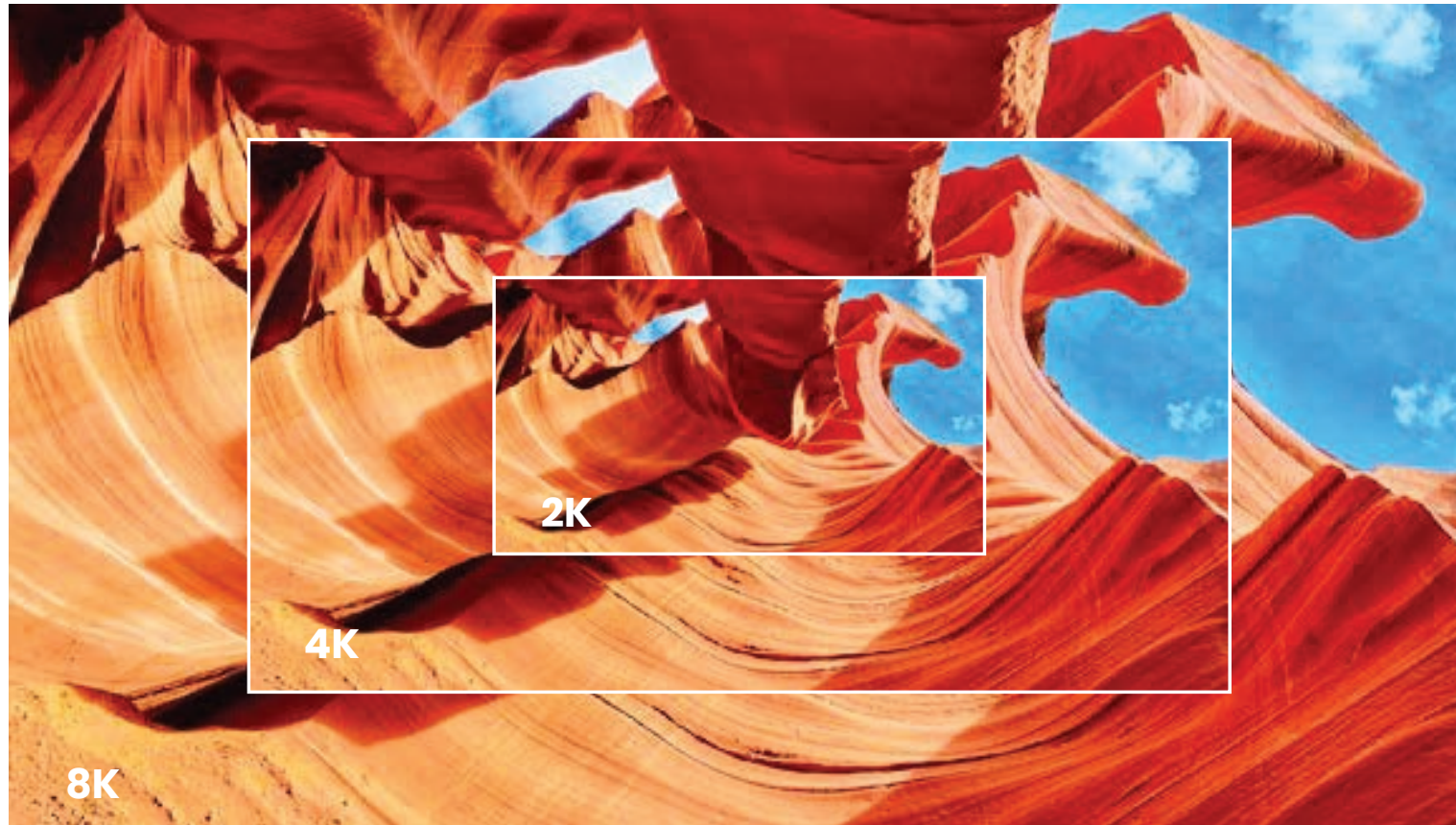
Module Specification	Product Model	U-Fix 0.9 (Standard)	U-Fix 1.2 (Standard)	U-Fix 1.5 (Standard)	U-Fix 1.8 (Optional)
	Pixel pitch(mm)	0.9375	1.25	1.5625	1.875
	Module size(mm)	300x168.75x3	300x168.75x3	300x168.75x3	300x168.75x3
	Module resolution(pixels)	320x180	240x135	192x108	160x90
	Pixel composition		1R1G1B	1R1G1B	1R1G1B
	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°/120°		160°/120°
	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.

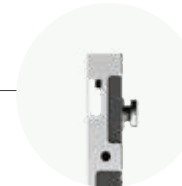


model \ array	1x1	2x2	3x3	4x4	5x5	6x6	7x7	8x8	9x9	10x10	11x11	12x12
U-FIX 0.9	640x360	1280x720	1920x1080	2560x1440	3200x1800	3840x2160	4480x2520	5120x2880	5760x3240	6400x3600	7040x3960	7680x4320
U-FIX 1.2	480x270	960x540	1440x810	1920x1080	2400x1350	2880x1620	3360x1890	3840x2160	4320x2430	4800x2700	5280x2970	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

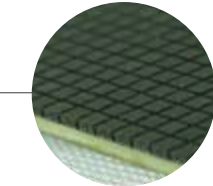
4K 3840x2160

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



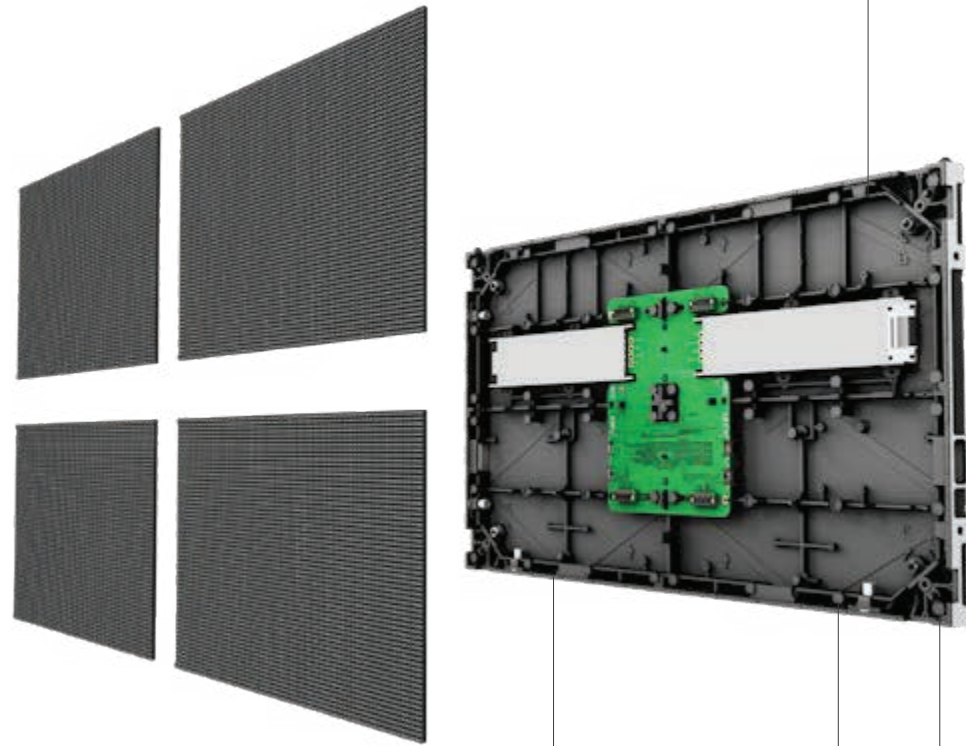
### Wireless controller

### Seamless splicing with ultra high flatness

### Ultra-wide viewing angle

## Creative wireless cabinet

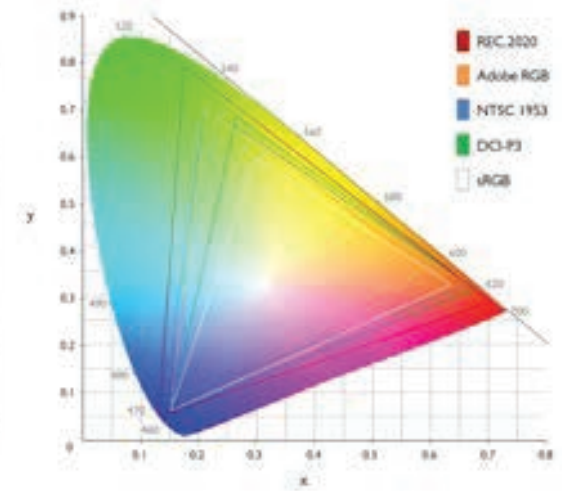
The cabinets adopt any internal wiring method of up, down, left and right, with a simple appearance, no wires exposed, neat and beautiful.



**Dual Backup for both Power Supply and Signal**

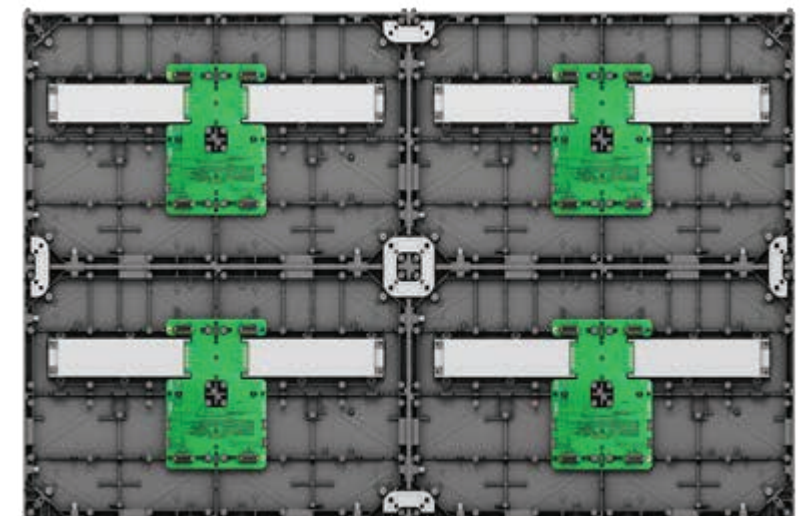
## Stunning colors

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



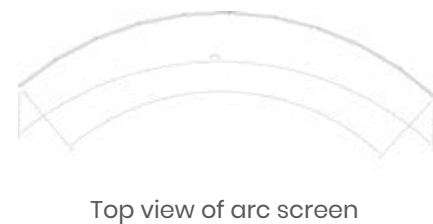
Telecom Bureau, Nanping



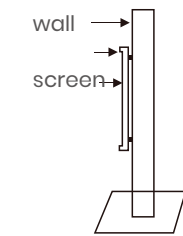
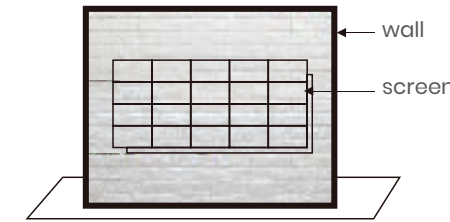
Shanghai Metro Station

## Installation diagram

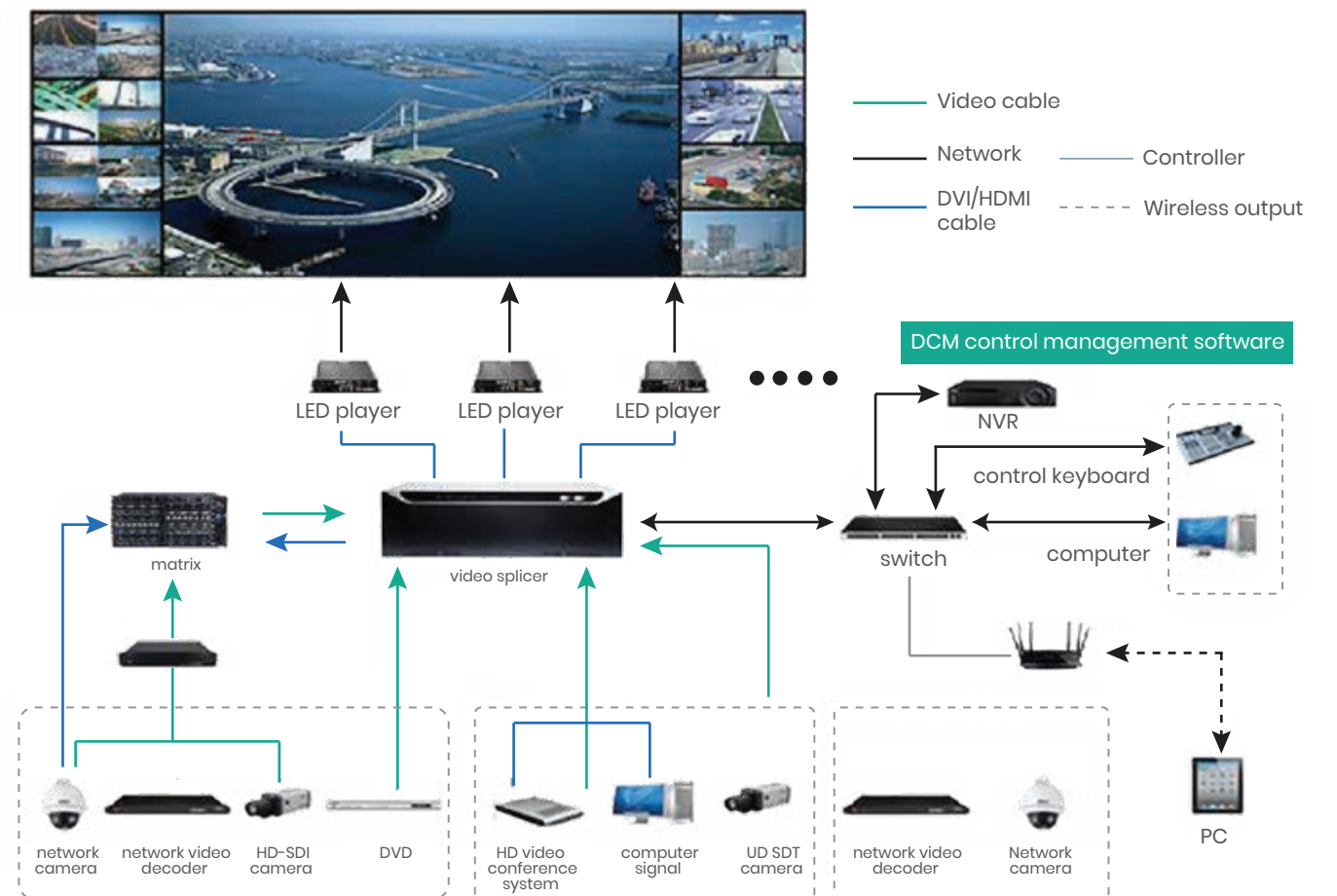
Main installation methods: stacking (inner arc installation, conventional installation), wall installation



## 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.