MileStrong

Bring Your ideas Into Reality

STB Series Design

(1.9/2.8/3.9/5.2/7.8/ 10.4/ 15.6/25/3 1.25)

· Module Size: 500*125 mm
· Cabinet Size: 1000*500 mm

STB Series Design

As an innovative transparent display, STB series uses an extremely narrow bezel design to reduce the weight of the screen and the blocking of light. It has become the best choice for the current stage, exhibition, commercial display and glass walkway
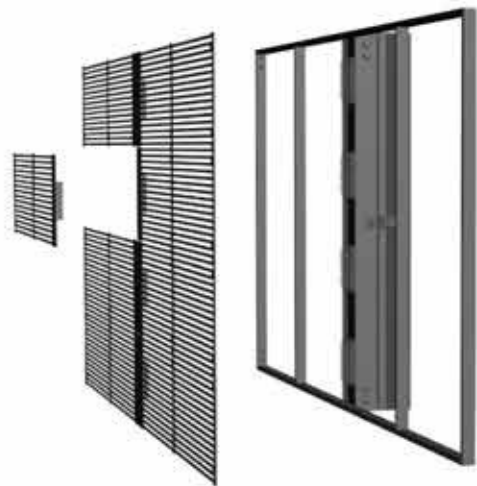
STB Series Features

Easy Installation

Quick lock design, reducing installation steps. Apply large size die-casting aluminum narrow frame to make the screen more stable
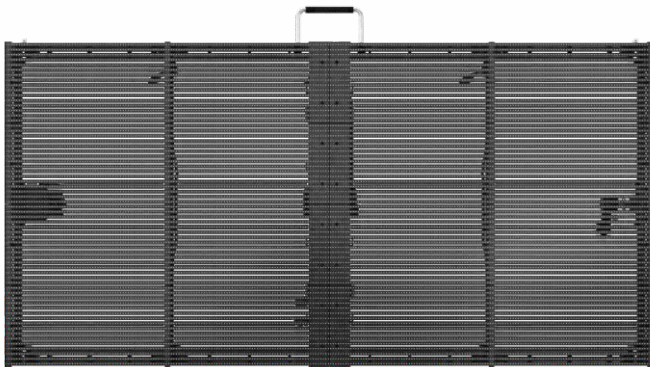
High Protection, Front and Back Maintenance

Frame design can be used for indoor and outdoor protection level support both front and back maintenance
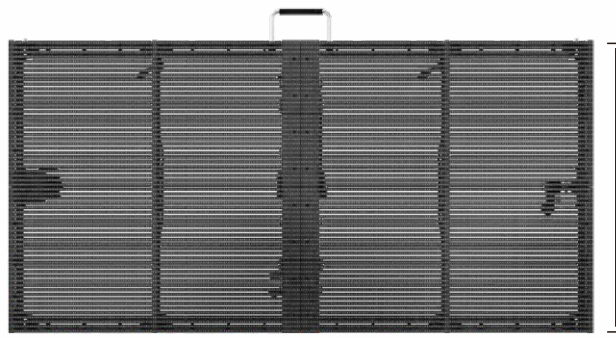
Lightweight

The LED transparent screen with hollow strip design is more flexible and approximately 3x lighter than the non-transparent LED display structure.

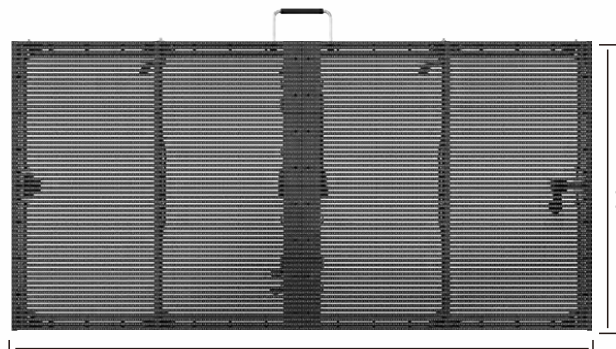## STB Series Type

15° Angle Arc Lock Rental Cabinet

1000mm

90mm

Rental cabinet without curved lock
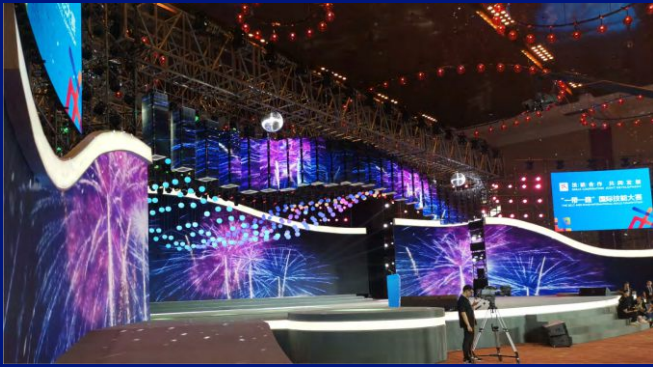
1000mm

500mm

90mm

10° Angle Arc Lock Rental Cabinet

500mm

90mm

STB Series Features

Light	Slim	Transparency	Large veiw angle
High brightness	Ip65	Fast Installation	Freely Assembly
Easy Maintenance	Energy	Stable	All-weather

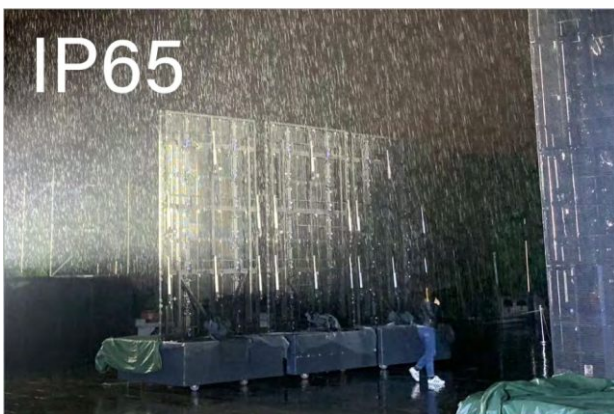**CNC Precision Machining Cabinet**
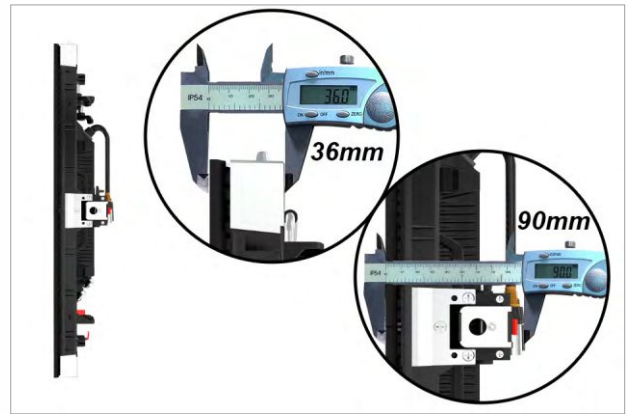
36mm
90mm
Super Slim Cabinet

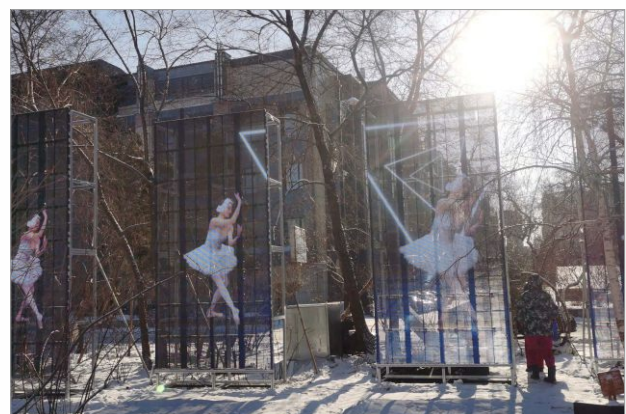
60% Transparecy
Good Light Transmittance
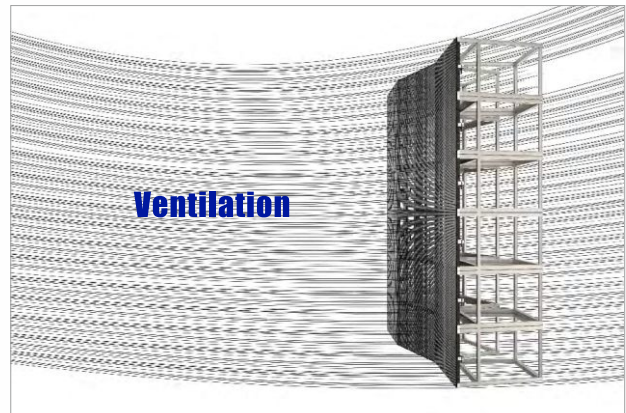
Ventilation
Less Wind Resistance And Safer

IP65
Ip65 Waterproof, No Fear of Weather Changes

High And Low Temperature Resistance

Excellent Performance

5000cd/㎡ (Outdoor)	2500:1	1920Hz/3840Hz
High Brightness	High Contrast	High Refresh Rate

Outdoor High Protection Grade
The module adopts advanced glue filling technology and waterproof rubber ring to achieve perfect waterproof, dustproof and shockproof. it can meet a variety of occasions inside and outside the user and achieve military grade IP65 full protection.

Highly Transparent
The width of each LED light bar is between 1.56-4mm, and Extremely narrow border helps transparency up to 70%.

Industry Leading Pixel pitch 1.9mm
Industry's first pixel pitch 1.9mm was developed by Milestrong. Perfect display of high-defi-nition videos.

Remote and On-site Video Upload
Using remote upload control through our intelligent management platform allows users to easily control single or multiple displays simultaneously on assigned time.

Highly Stable
The module design of the cabinet is easy to assemble, install and maintain. The module canbe replaced separately
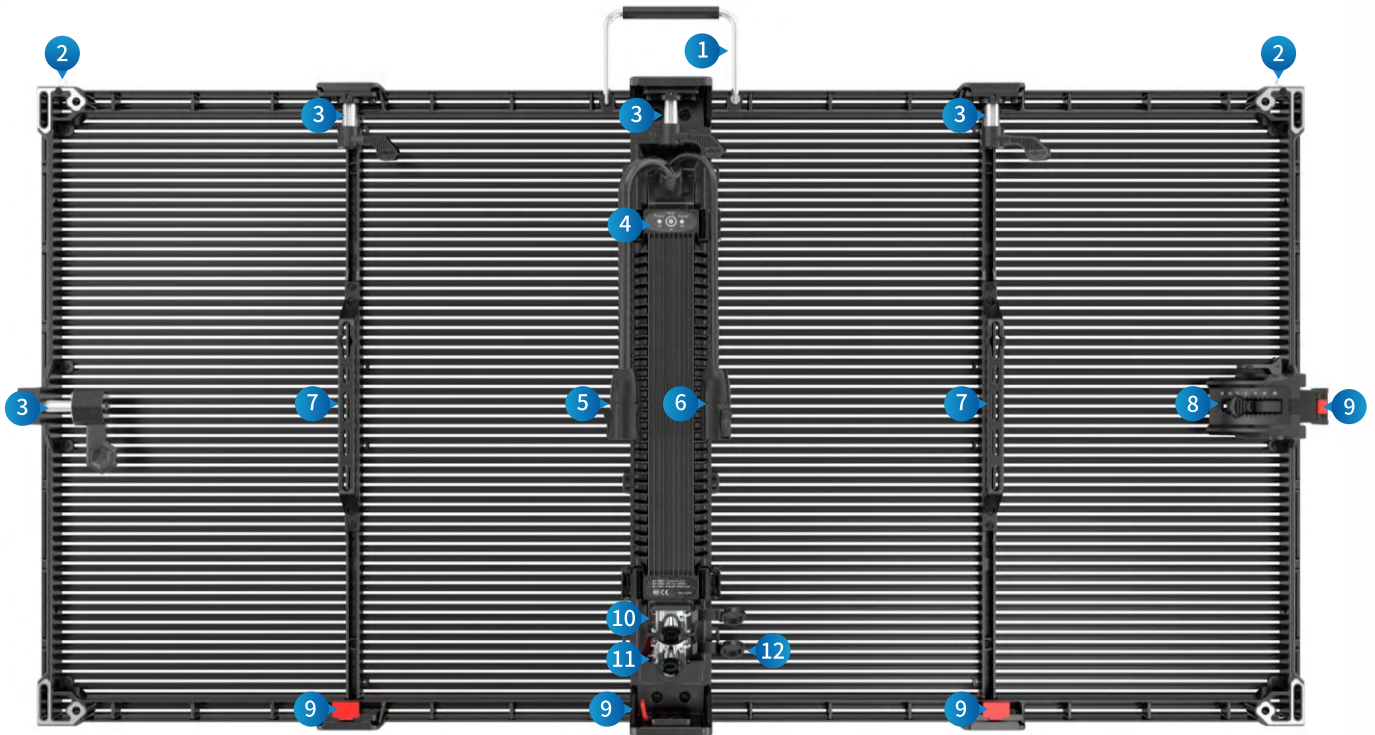
Thickness
The thickness of the light board is 2-3mm, and the minimum width of the power box is 50mm.

Customized
The flexible frame supports curved installation, and a more suitable installation angle can becustomized according to the location.

Product Details

1	Handle	2	Positioning Pin	3	Connection Lock	4	Power Box
5	Power Cord Plug	6	Signal Line Plug	7	Cabinet Handle	8	Arc LockWater
9	Quick Lock	10	Power Socket	11	Signal Socket	12	Proof Plug

Power & Signal Sync

Quick Lock Connection

Air Socket

Power Box Quick Lock

Status Indicator & Test Button
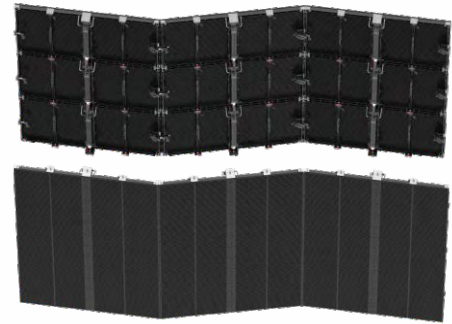

Glue Waterproof Screen Module

Screen Style

15° Angle-Cut Arc Lock Cabinet Combination Method

cabinet size: 1000x500(mm)

15°

-15°

The lock can be adjusted according to the scale, achieve 15 internal arc of adjacent cabinets
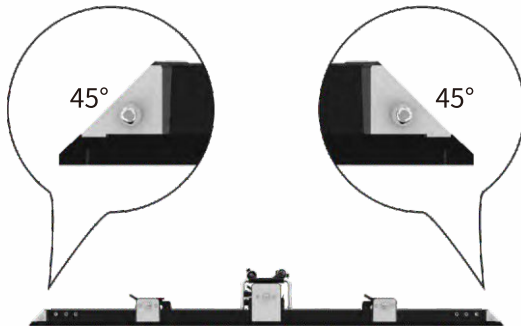
The lock can be adjusted according to the scale achieve -15° external arc of adjacent cabinets
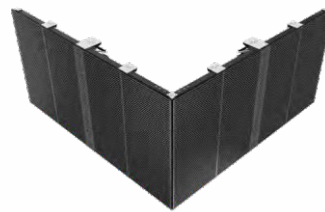
Cabinet with curved locking angle of 15° can be customized according to needs combined to form a curved screen with a wider viewing angle

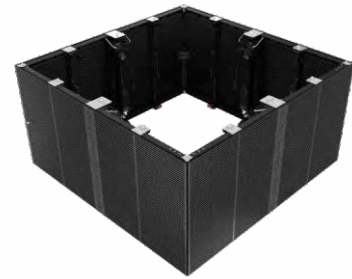## 45° cut angle cabinet combination method

cabinet size: 1000x500(mm)
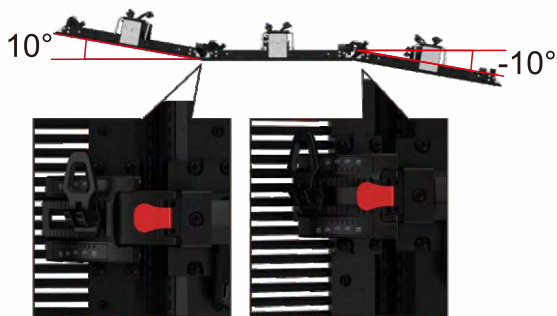
45° 45°

45° angle cut on the cabinet

Combined into a 90° right-angled screen

Combined into square column screen

10° arc lock 45° angle cut cabinet combination method
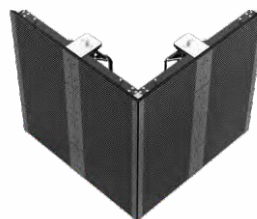
10° -10°

cabinet size:500x500(mm)

45° angle cut on the cabinet

Combined into a 90° right-angled screen

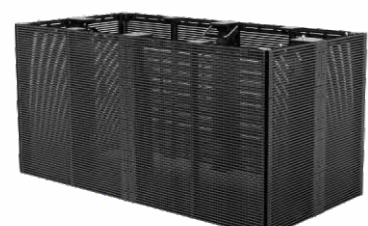Combined into square column screen

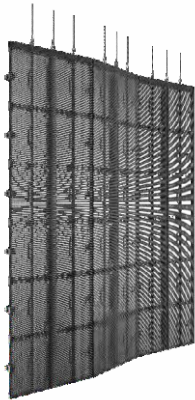## Different cabinet combinations

25° external arc combined external arc screen
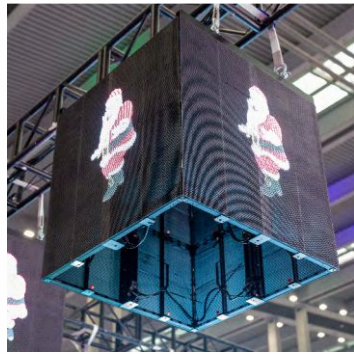
90° right-angle screen with cut-angle
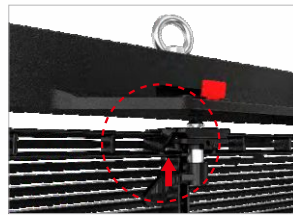
Combined into square column screen

Installation Style

Suspender beam installation diagram

Insert the quick lock into the lock hole of the hanging beam the bayonet will lock automatically
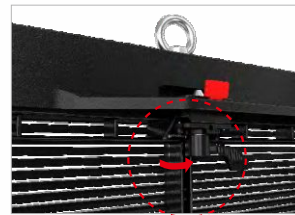
Turn the quick lock to the right Fastening connection
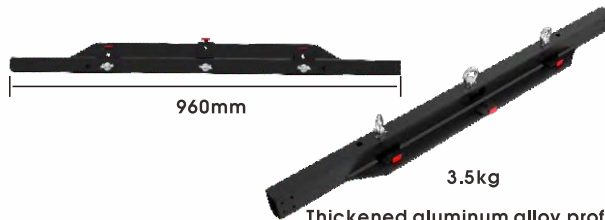
960mm

3.5kg
Thickened aluminum alloy profile suspension beam

Suspended beam installation
(Maximum height 10m)

Hoist the screen on the truss with sling straps
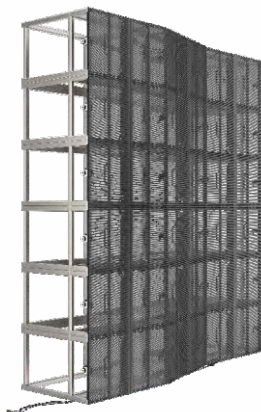
Stackinginstallation
(Maximum height 10m)

The boxes are stacked on the floor. The viewing angles of the screen can be freely combined as needed

*Note:The base mounting bracket can be customized according to needs.

Easy Maintenance
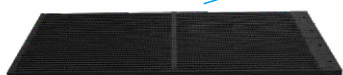
Modular design easy to replace screen modules

Quickly lock the power box to facilitate replacement of receiving cards

Accurate Color Management System

The precise color management system is adopted. After the video is decoded by the LED control system, thesecondary filter display algorithm is added to correct the color of each LED on the display point by point.

Rapid Dynamic Display

LED has nanosecond response time, its aternating time of lighting and extinguishing is very short, and there is no afterglow effect olfuorescent display technology, so it can respond to image changes quickly and has high dynamic definiion. in particular, it has greainherent advantages for the high demand for dynamic efect restoration. The imaging mode of LED self ilumination does not requireresponse time. and there is no lag even in the perormance of dynamic pictures, The dynamic definition is naturally higher which is irine with the psychological perception of human eves on the impact of motion.

Broadcast Level Gray Processing

Gray scale is the so-called color scale or gray scale, which refers to the degree of brightness and the number of layers ofany color from dark to light; The LED transparent display screen achieves 16bit gray performance, and the gray perfor.mance of the display screen is still complete under low brightness; The higher the gray level, the higher the level andbrightness of the picture, which can show more image details without information loss

Pagcking& Installation

Air box packaging for convenient transportation

Remote guidance installation and debugging services

Specification

Product Model	STB 1	STB 2	STB 3	STB 5	STB 8	STB 10	STB 15	STB 25	STB 31
Piexl Pitch(mm)	1.9*3.9	2.8*5.6	3.9*7.8	5.2*10.4	7.8*7.8	10.4*10.4	15.6*15.6	25*25	31.25*31.25
Piexl Density(dot/m²)	12,9024	61,952	32,768	18,432	16,384	9,216	4,096	1,600	1,024
Module Resolution(dots)	252*16	176*22	128*16	96*12	64*16	48*12	32*8	20*5	16*4
Cabinet Resolution(dots)	504*128	352*88	256*64	192*48	128*64	96*48	64*32	40*40	32*32
Transparency	42%	45%	65%	75%	65%	75%	85%	90%	92%
Brightness(nits)	800~3,000	800~3,500	800~5,500	800~5,500	800~5,500	800~5,500	800~5,500	800~5,500	800~5,500
Power Requirements	220V ± 10% ; AC 50/60Hz								
Power Consumption	Max: 800W/m² ; Avg: 260W/m²								
Refresh Rate	≥1920 Hz								
Operating Temperature	-10℃~45℃								
Weight	7.5kg/m²								
Cabinet Size	1000*500mm								