MUXWAVE
Holographic Invisible Screen

iF DESIGN AWARD 2023

Holographic Invisible Screen

High definition, real invisibility

CE FC CCC RoHS

Transparent and invisible whole screen

The whole screen is transparent without frame;
it is seamlessly spliced in a large area;
the back side is invisible without floodlight.

Holographic 3D suspension images

Display effect of 3D holographic and spatial suspension images.

Transparent and excellent image quality

Equally spaced pixel layout for high-definition image quality; static scanning with combined diver board for table images;
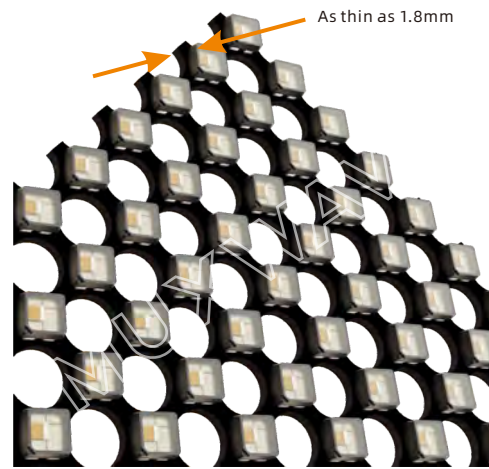16bit gray scale with exquisite colors.

High brightness & high contrast

9,000:1 (high contrast),
5,000cd/m² (high brightness),
dazzling and eye-catching.

1000mm

1000mm
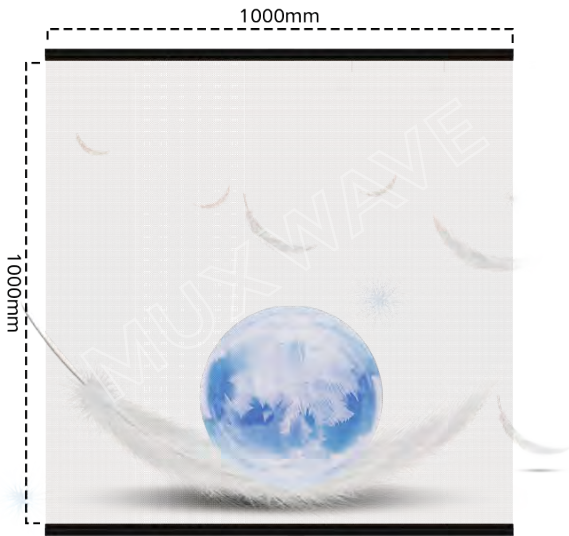
Light weight of 6kg/㎡

With professional aesthetic design, the display screen is lightweight and beautiful and weighs only 6kg/㎡.
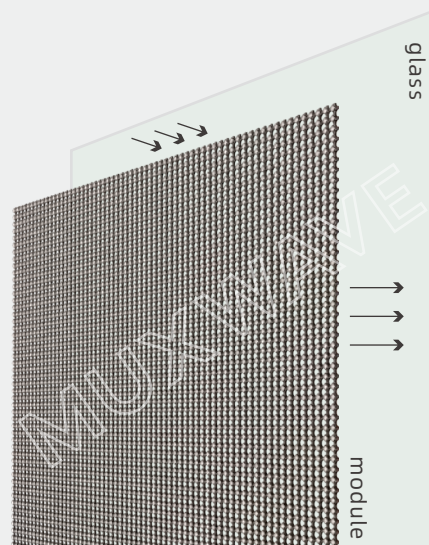

As thin as 1.8mm

As thin as 1.8mm

The thickness of the screen is less than 2mm, and it is seamlessly attached on a curved surface to show an integral whole on the transparent glass.

Flexible

Standard module can be bent and skillful applications. It is the best partner of curved glass and irregular screens.

glass

module

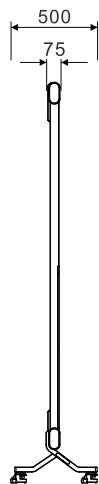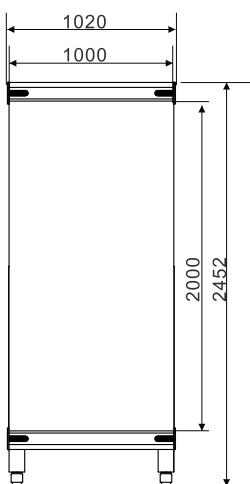## Minimal installation and maintenance

The product is modular and can be directly attached to the front or back side of transparent glass without damaging the original structure of the building or affecting indoor lighting.
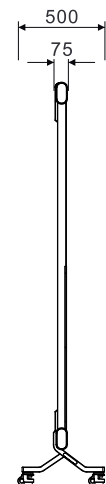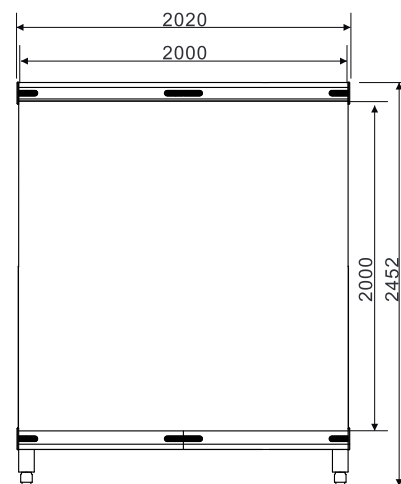
Holographic Invisible Screen · Series A

The product is lightweight and also have another design for LED poster, which is movable and detachable. Display modules can be increased or decreased at any time according to the usage environment like exhibition booth, stage, door curtains show and other scenarios.
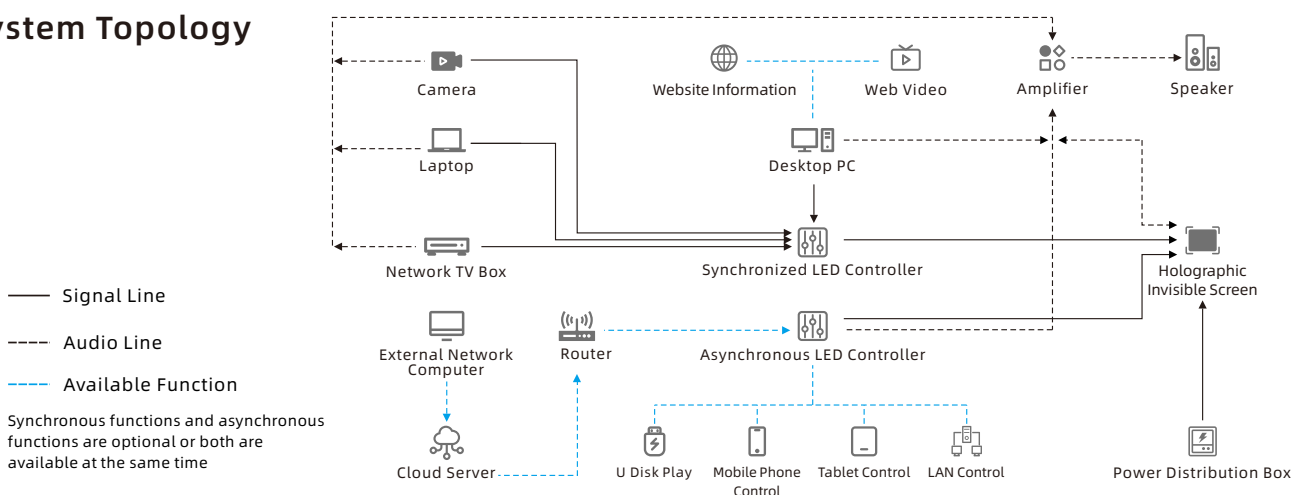
▼ External dimensions:1000*2000mm

1020
1000
2000
2452
500
75

▼ External dimensions:2000*2000mm

2020
2000
2000
2452
500
75

System Topology

Camera

Website Information   Web Video   Amplifier   Speaker

Laptop   Desktop PC

Network TV Box   Synchronized LED Controller   Holographic Invisible Screen

—— Signal Line

---- Audio Line

---- Available Function

Synchronous functions and asynchronous functions are optional or both are available at the same time

External Network Computer   Router   Asynchronous LED Controller

Cloud Server   U Disk Play   Mobile Phone Control   Tablet Control   LAN Control   Power Distribution Box

Application

Specifications

Model	A3-2	A3-4
Pixel Pitch (mm)(horizontal / vertical)	P3.91 / P3.91	P3.91 / P3.91
Pixel Density(dot/㎡)	65536	65536
Transparency Rate	80%	80%
Display Dimension (mm) (w*h)	1000x2000	2000x2000
Profile Dimension (mm) (w*h)	1021x2230x75/1021x2452x500	2021x2230x75/2021x2452x500
Resolution (dot) (w*h)	256x512	512x512
Brightness(cd/㎡)	≥3000	≥3000
Weight(Kg/set)	40	60
Encapsulation Type	Light Board & Driving Board Integrated	Light Board & Driving Board Integrated
Scanning Mode	Static Driving (Single Pixel Single Control)	Static Driving (Single Pixel Single Control)
Lifespan	≥100,000.00 hours	≥100,000.00 hours
Pixel Configuration	16bit	16bit
Maximum Power Consumption (w/m²)	1000	1000
Average Power Consumption (w/m²)	375	375
Control System	Colorlight / Novastar	Colorlight / Novastar
Input Voltage	AC100~240V 50/60 Hz	AC100~240V 50/60 Hz
Working Voltage for Module	DC 4.2V ± 0.2V	DC 4.2V ± 0.2V
Working Temperature	Temperature -20℃~50℃	Temperature -20℃~50℃
Working Humidity	Humidity: 20% -85% (Without Condensation)	Humidity: 20% -85% (Without Condensation)
Storage Temperature	Temperature -20℃~60℃	Temperature -20℃~60℃
Storage Humidity	Humidity: 10% -85% (Without Condensation)	Humidity: 10% -85% (Without Condensation)
Protetion Degree	IP20	IP20
Frame Material	Aviation Aluminum Alloy	Aviation Aluminum Alloy
Installation Environment	Indoor	Indoor
Packing Way	Pearl Cotton+Wooden case/Airbox	Pearl Cotton+Wooden case/Airbox

Statement: The relevant parameters in the table are subject to real-time update, and the data is for reference only.
Upgrade will be made without further notice.

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