



FILMBASE®



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Your Space We Care

INNOVATIVE · LOVE · SUSTAINABILITY



A futuristic, multi-tiered building with glass facades and lush greenery on each level, set against a backdrop of mountains and a clear sky with birds flying.

With the intensification of global climate change, extreme weather events, rising sea levels, the loss of biodiversity and environmental pollution have become increasingly severe, posing a huge threat to human society and the natural environment.

Against this backdrop, green innovation has become a key approach to addressing these challenges and achieving sustainable development.

Why FILMBASE established ?

FILMBASE is precisely based on the concern for this global issue and the pursuit of green innovation. The company is committed to developing new environmentally friendly building materials, display materials and energy materials to reduce dependence on natural resources and environmental pollution. One innovative product after another developed by the company not only helps save the earth's energy and reduce global carbon emissions, but also enhances the aesthetics and value of buildings. While improving the living standards of human beings, it also promotes ecological protection and environmental improvement.

FILMBASE is not limited to its products themselves, but also extends to its global business practices. The company has established eight joint production bases worldwide, providing technology transfer and production guidance to other international enterprises that wish to produce and manufacture this high-value green and environmentally friendly product. It has also established partnerships with many world-class brands, promoting green technology to the international market. Through these efforts, FILMBASE not only promotes the use of environmentally friendly materials but also enhances global awareness of green buildings and design.

In the future, FILMBASE will continue to take green innovation as its original aspiration. Through continuous technological research and development and market promotion, it will provide high-quality products and services to global customers and jointly build a smarter and greener world.

Why link to Filmbase



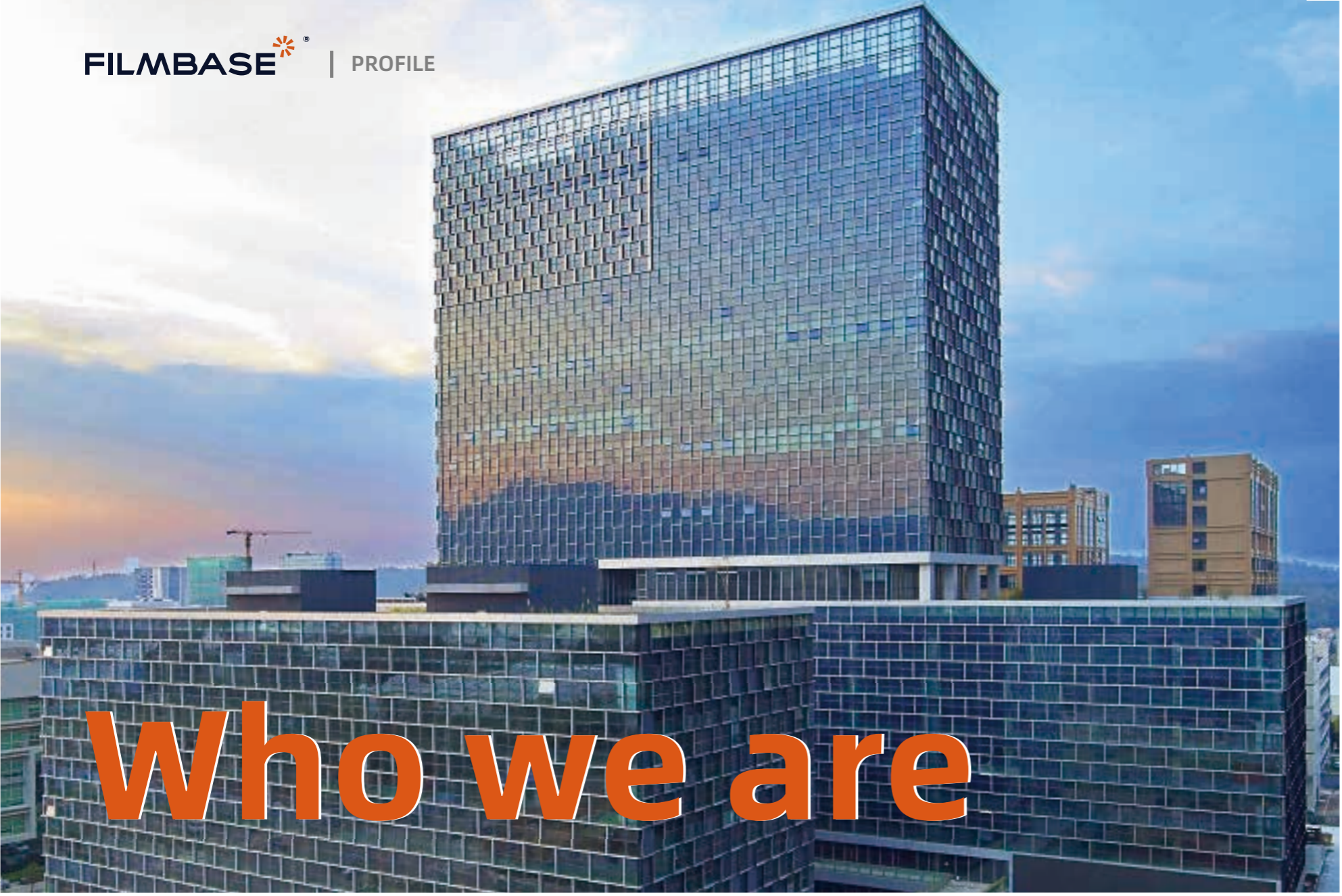
When you come here and see what Filmbase are doing, it means a beautiful and meaningful cooperation is about to begin.

A Grateful Encounter. we look forward to establishing deep links and cooperating with you to witness the infinite possibilities of innovation and exploration of horizons and Spaces.

On this journey, you and Filmbase will create a green future, bring more comfortable life to human, while lead the trend of low-carbon innovation, and inject vitality into the sustainable development of the planet.

- 01** You will witness how Filmbase **PDLC films** can subtly replace traditional curtains, reduce the need for fabric production, reduce cotton cultivation and land resource occupation, and bring them to people, get the privacy of simple and the beauty of space switching, and contribute to sustainable development.
- 02** You will witness how Filmbase **PDLC glass** replaces the heavy solid wall with a light attitude, saving sand resources and reducing the generation of construction waste; At the same time, it is thinner, lighter and easier to recycle, reducing transportation and installation costs and improving space benefits Use efficiency. Please Bring this wonderful product to your country.
- 03** You will witness how Filmbase **LED film, LED glass** is subverting the traditional LED display, through the innovative integration of "glass + display" new materials, becoming an ideal choice for low-carbon +value buildings, create additional value for owners such as advertising and landmarks.
- 04** You will also see how Filmbase **VC glass** significantly reduce building energy consumption with smart insulation technology, sound insulation technology, indoor cooling and heating, To achieve the perfect balance of energy saving and comfort.
- 05** You will see How Filmbase **Flying display** empowers low-altitude economy and low-altitude performance, making the activity more shocking and exciting, and making the business more valuable.
- 06** You will also see how Filmbase 0.2mm **Ultra thin transparent holographic display film** empowers space and vision, creating a holographic horizon that makes space and vision infinite.
- 07** You will also see the display or the film which can **self-electricity** or make the electricity.

Through technological innovation and product upgrading, Filmbase actively responds to the international energy saving and carbon reduction action plan under the premise of improving people's lives, and develops and produces energy-efficient building materials, display materials and energy materials. We invite you to join Filmbase to create a smarter, greener and comfort future In this journey, We are all not only a spectator, but also a participant and creator.



who we are

FILMBASE
New material technology leader
for vision and space

As an important partner of FILMBASE, we would like to keep you up to date with more information about our full range of products and our company.

FILMBASE is a high-tech enterprise ,a specialized, refined, distinctive and innovative enterprise that focuses on new materials for construction, display and energy. Which holds over 150 patents including invention patents and utility model patents. It is the only global innovative enterprise that integrates the three major industries and technologies of construction, display and energy. FILMBASE products have obtained authoritative certifications such as CCC, UL, PSE, CE, CB, RoHS and FCC. Currently, it has joint production bases in Germany, Brazil, South Korea, Dubai and other places. Since its establishment 8 years ago, We achieved rapid development. It began preparing for listing in March 2023, and CiTic Securities has been providing guidance for 2 years.

FILMBASE strictly adheres to ISO9001, ISO14001 and ISO45001 standards, manufacturing world-leading LED Film ,3D display glass, PDLC film, Smart Glass , UTD , thermochromic materials, photochromic materials, low-altitude flying display films, and related components and products.

We provide the most advanced technologies and solutions for global city design, architectural design institutes, interior design, supermarkets, media advertising agencies, curtain wall displays, and space partitions.

Company: Shenzhen Filmbase Technology Co., Ltd

----- PROVIDE -----

Brand:

FILMBASE 

----- HAVE -----

Products:

Media Glass | LED Film | Switchable Glass
Smart Film | UTD^{AR} Film | VC Glass | FLY Display
SELF-ELECTRIC Display | Smart Door and Window

MILESTONES OF DEVELOPMENT

2017

Established revolutionized PDLC switchable Film formula, process, materials, equipment and manufacturing .

2019

Become one of Largest PDLC Film manufacturing center , produce widest and largest size, highest transmittance, more than 100 invention and utility model patents, Number 1 marketing share in China .

2018

Established Nano materials and LED glass R&D Center

2020

Established 3 subsidiaries
Yuguang Optoelectronics
Chongqing Yuguang Smart Glass
Chongqing Yuguang New Material Co., Ltd

2021

Established the Global brand (Filmbase), export to 89 countries and regions, Number 1 marketing share in the world.

2022

Established joint production bases in 20 countries, including the United States, Germany, Dubai, Brazil, Norway.

2023

Preparing IPO
Established YuGuang Energy (perovskite)

2024

developed flying display, VC glass, Self-electric display tech.

2025

Flying Display shattered the Guinness World Record, garnered extensive coverage from authoritative media outlets including CCTV, and was honored as a "Specialized, Refined, Distinctive, and Innovative 'Little Giant' Enterprise."

2026

Focusing on core technologies and global market expansion, we have initiated preparations for a Hong Kong stock market listing.



BACKPACK LED SCREEN

Widely used in various commercial and public communication needs such as outdoor parades, brand flash mobs, interactive exhibitions, and warm-up performances.

About Backpack LED screen

FILMBASE Backpack LED screen integrating lightweight structure and wearable design to reshape new forms of mobile communication. The product adopts high transparency LED modules, supporting battery life and intelligent terminal control.

Suitable for various scenarios such as exhibition tours, brand flash mobs, and commercial interactions, it supports switching between diverse content such as graphics, videos, etc. at any time, achieving instant display and promotion, creating a new intelligent display medium that combines technology and communication power.



Portable

Adopting lightweight design, the screen body is lightweight and thin in thickness.



Energy saving

Compared to traditional displays of the same area, it saves more than 40% energy and can work for 6-8 hours when connected.



Easy operation

Powered by batteries, it can be flexibly moved and displayed, and videos can be easily replaced on mobile phones and tablets.



Rich content

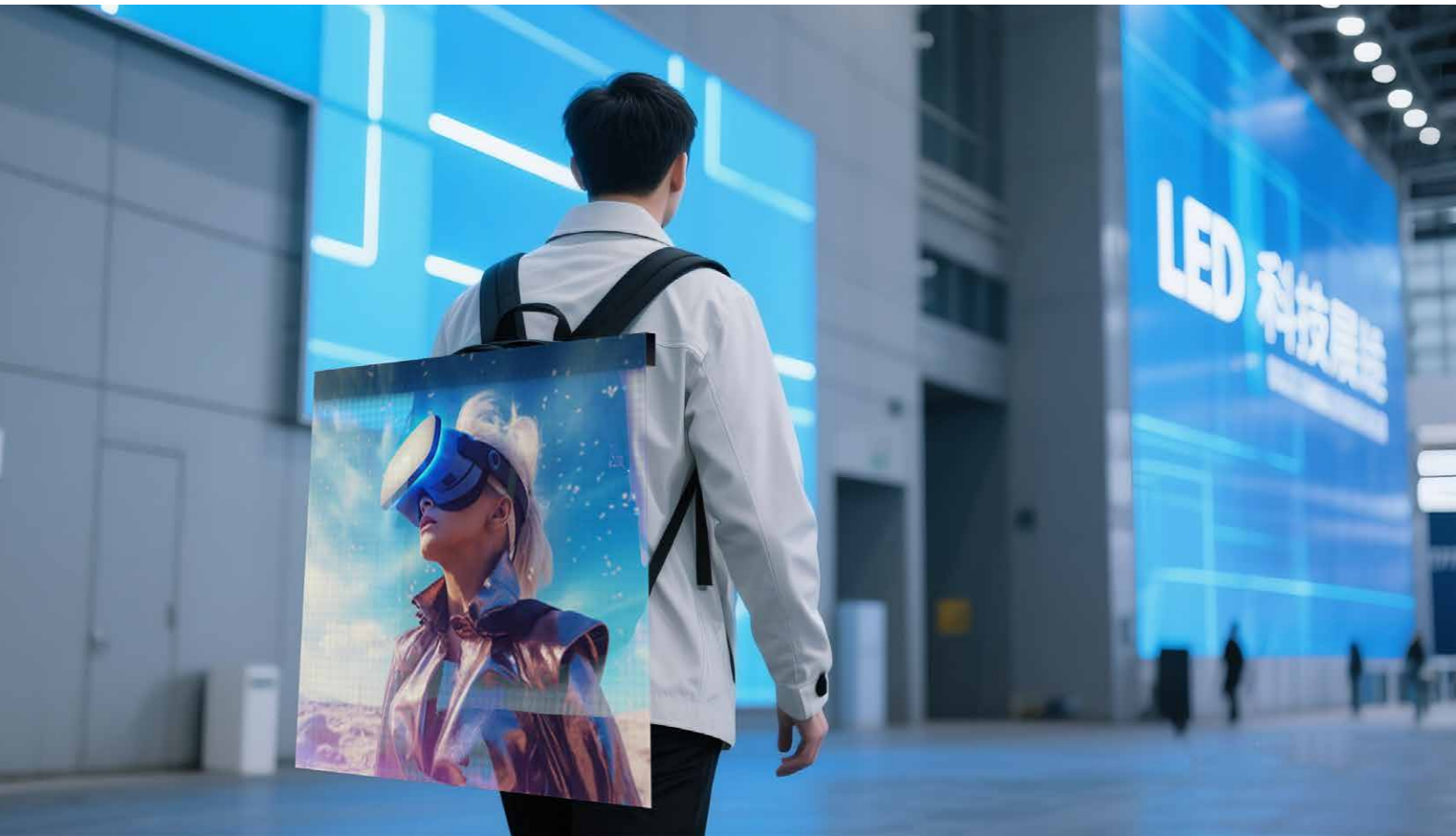
It can play various contents such as text, images, animations, etc. normally, and can meet the personalized display needs in different scenarios.



Widely used

There are basically no restrictions on the wearing area, time, or occasion, and it can be used in various outdoor activities, commercial events, gatherings, performances, and other occasions.





FILMBASE Backpack LED screen

The overall use of advanced LED transparent display modules, combined with ergonomic backpack design, the screen body is lightweight and thin, easy to wear for a long time and high-frequency movement, truly realizing a new display mode of "spreading on the back". Supporting the playback of text, images, animations, videos, and other content, customized displays can be made based on brand tone and on-site atmosphere, helping customers achieve more visually impactful and effective content communication.



Product Model

FILMBASE Backpack LED screen

| Products | Backpack LED screen | Backpack LED screen Pro |
|------------------------|--------------------------------------|--------------------------------------|
| Model | BP-480500 | BP-4801000 |
| Pitch | P4 | P4 |
| Pixel Density | 62500 | 62500 |
| Display Size | 480x500mm | 480x1000mm |
| Visual transmittance | 85% | 85% |
| Brightness | 1500-2000nits | 1500-2000nits |
| Grayscale level | 65536 | 65536 |
| Refresh rate | 3840Hz | 3840Hz |
| Viewing angle | Horizontal ≥ 160 °; Vertical ≥ 160 ° | Horizontal ≥ 160 °; Vertical ≥ 160 ° |
| Weight | 2.5KG | 3.0KG |
| Battery | 11.1V/288W | 11.1V/288W |
| Battery operating time | 6-8H | 3-4H |

Technical Parameters

FILMBASE Backpack LED screen

| | | | |
|------------------------------|--------------------------------|----------------------|------------|
| Pixel specification | 1R1G1B1IC | Power adapter input | AC100-240V |
| Pixel package | SMD2121 | Power adapter output | DC12.6V/5A |
| Grayscale level | 65536 | Working temperature | -20°C~55°C |
| Refresh rate | 3840Hz | Storage temperature | -40°C~80°C |
| Battery full charge duration | 5H | Working humidity | 10-90% |
| Control system | Mobile phones, iPad, computers | Storage humidity | 5-95% |