

**Become the most trusted solution provider
for global customers**

Luxshare Precision Industry Co., Ltd.

IPDC • Nanjing R&D Center

📍 Add: Building 2, Ziyun Wisdom Plaza, Qinhuai District, Nanjing City

IPDC • Shenzhen R&D Center

📍 Add: Building 3, Phase II, Yinxing Zhijie, No. 1301-80, Guanshang Road, Xinlan Community, Guanlan Sub-district, Longhua District, Shenzhen City

🔊 **R&D Positions Currently Available, join us!!!**

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Luxshare Precision Industry Co., Ltd.

CUSTOMER SUCCESS / RELENTLESS MISSION / INNOVATION CONTINUOUS / UNITED JOURNEY / SELF-DRIVEN GROWTH

ABOUT US

Company Profile

337th
the Fortune Global 500



A
CDP climate change rating

No. 1
Key Enterprises in China's
Electronic Components Industry

Single-item
Champion Enterprise

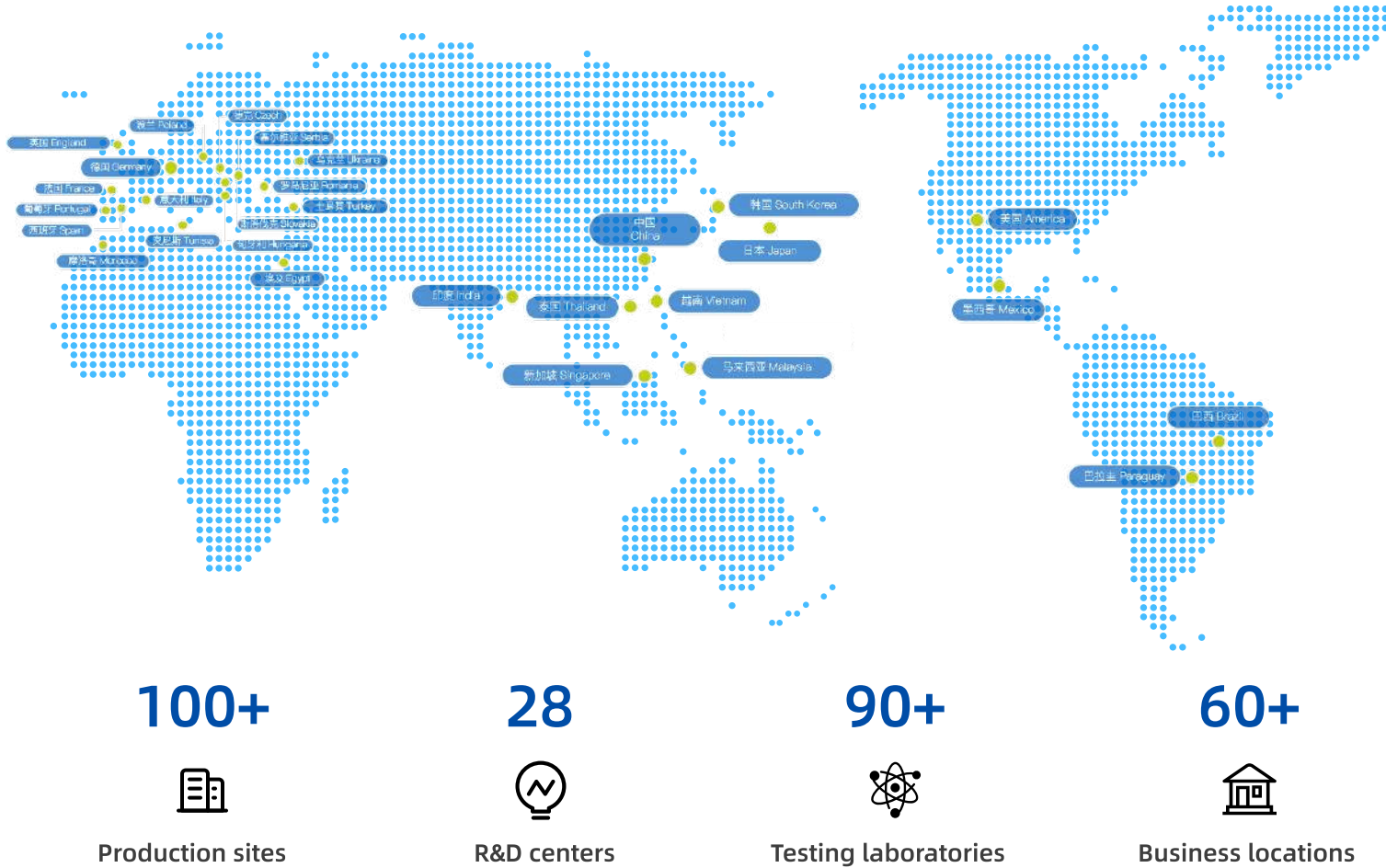
National-level Manufacturing

TOP 50
Forbes World's Best Employers

COMPANY OVERVIEW

Luxshare Precision Industry Co., Ltd. (Stock Code: A-shares 002475.SZ, H-shares 02475.HK) was established on May 24, 2004. The company was successfully listed on the Shenzhen Stock Exchange on September 15, 2010, and listed on the Hong Kong Stock Exchange on July 9, 2026, thereby establishing an A+H dual-capital platform.

The Company is committed to providing integrated intelligent solutions, parts, modules and systems for enterprise communication products (high-speed interconnect, optical module, heat dissipation module , base station antenna, base station filter), consumer electronic products (TWS wireless headphones, smart wear, wireless charging module, 5G router, VR headsets, smart speaker), and automobile systems (automobile wiring harness, connector, intelligent cabin, intelligent driving) and central gateway, etc.



Luxshare Precision Intelligent Product Development Center

Company Profile

- Luxshare Precision IPDC focuses on the R&D, production and global delivery of smart wearables, smart imaging, smart acoustics, smart glasses, AI hardware and robotics, providing customers worldwide with one-stop, full-stack ODM services.
- With R&D centers in Shenzhen, Nanjing, Suzhou and Taipei, China, IPDC has built comprehensive full-stack product development capabilities for smart devices and an end-to-end ODM service platform spanning R&D through mass production. Backed by intelligent factories, extensive automation and flexible manufacturing, it combines full-stack technology development with a global industrial footprint. IPDC is committed to creating more innovative products in uncharted technological territory and continuously serving customers worldwide.

ONE-STOP + FULL-STACK ODM SOLUTIONS

R&D and design

Optical design/ Hardware and mechanical design/ Software and acoustics solutions/ Antenna, RF and thermal design

Intelligent factories

Digitalization, automation and intelligent manufacturing/ Full-process coverage/ Pursue excellence/ Continuous iteration and evolution

Vertical integration

Integration across fields and product categories/ Comprehensive solutions from components to complete systems/ High efficiency, high quality and maximum value

Global operations

Global footprint/ International talent pool/ Local management

Automation

Dedicated automation solutions team/ Standardized, flexible solutions/ Powered by AI

Quality control

R&D testing/ Production testing/ Specialist laboratories/ Reliability laboratories

R&D & customization

R&D and Customization



Product design

ID/MD & UX design/ Innovative appearance design



Hardware design

Circuit and mechanical design/ Development and validation



Optical design

Optical solution design/ Imaging and display optimization



Software R&D

Embedded and app development/ Algorithms and system development



Simulation

Structural and optical simulation/ Performance optimization



Human factors

Ergonomic design/ Wearability optimization



Antenna & RF

Antenna design and RF optimization/ Signal performance enhancement



Binocular AA

Binocular alignment and calibration/ Image quality and fusion optimization



Acoustic design

Acoustic solution design/ Sound quality and noise reduction



R&D testing

Functional and performance testing/ Reliability and certification

Product categories

Product Category



VR / AR glasses



Smart glasses



AR / VR accessories



Smart robots



Portable smart speakers



Conference speakers



Soundbars



Over-ear headphones



In-ear headphones



Bone-conduction headphones



Open-ear headphones



True wireless earbuds



AI hardware



Smart home



Smart imaging

LarkGen 3

One-stop solution for full-color AR glasses



Images are for reference only. Actual products on display shall prevail.

Full-color, independent binocular displays

Full-color x-cube & etched waveguides: Bright, clear images
System-level correction: High quality & uniformity
Binocular AA fusion: Pixel-level alignment
Optimized optics: Designed for natural gaze

Lightweight Frame

Premium & Versatile: Ultra-thin, narrow design for comfort
Ergonomic Balance: 30+ human-factors considerations
Modular Design: Standardized temples for multiple optical systems



Dual-chip architecture

MCU + AR1: Balances high performance and long battery life
Unified Framework: Modular software reduces system load



First-Person HD Camera

HD Capture: Ultra-low latency photos & videos
Full-Stack Algorithms: Complete imaging optimization



Acoustic system

Directional Stereo: Large drivers to minimize sound leakage
5-Mic + VPU: Precise voice pickup
Smart ANC: Proprietary noise reduction & directional algorithms



AI on the go

Cloud-based large AI models
Quantized small models on the device



Extended Battery

All-day use
Use while charging



Lark Air

Industry's First Ultra-Compact Full-Color LCoS Single-Light-Engine Binocular Solution

Jointly developed with Appotronics and Moldnano

LUXSHARE ICT
立讯精密



Images are for reference only. Actual products on display shall prevail.



Display engine on your fingertips

0.25 cc ultra-compact volume

Milliwatt Power. 1500nits Brightness.

1500nits@100%APL 300mW

Full-color single-chip etched SRG



Energy efficiency · Endurance

Balances high eye-level brightness with extended battery life
Full-resolution display at 100% APL with no increase in power consumption



Dual exit pupils · Native 3D

Dual-exit-pupil design enables a single LE to drive independent binocular images
Delivers a native 3D experience with superior depth perception



Centered Optics · Design Freedom

Centrally positioned optics unlock valuable internal space
Enables highly flexible and innovative industrial design



Custom Wrap · Tilt Angles

Customized wrap and tilt angles
Seamlessly accommodates diverse optical form factors



Adjustable Virtual Image · Reduced VAC

Adjustable virtual image distance
Reduced VAC for natural vision.



Lower System Cost · Full Performance

Reduces the need for light engines to optimize system cost
Delivers superior specs at a lower total cost

Optical component matrix

01 X-cube Micro LED full-color light engine



HIGHLIGHTS

- Ultra-compact volume
- Native full color through custom-coated color combining
- High brightness and low power with a new reduced-order architecture
- Integrated design for easy system integration

X-cube Micro LED full-color light engine	
Display size	0.1"
Resolution	500*380
Volume	~0.18cc
FOV	25°

02 Hybrid refractive-metasurface Micro LED monochrome-green light engine (Joint innovation with Nanjing University)

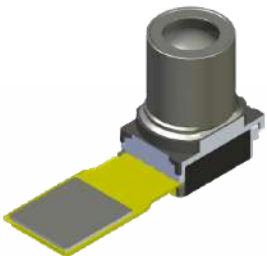


HIGHLIGHTS

- Innovative metasurface lens enables extreme miniaturization
- Precise optical phase control delivers sharp image quality
- Optimized 2P+1M architecture for high luminous flux

Hybrid refractive-metasurface Micro LED monochrome-green light engine	
Display size	0.13"
Resolution	640*480
Volume	~0.12cc
FOV	30°

03 Front-lit LCoS full-color light engine



HIGHLIGHTS

- Ultra-compact 0.33 cc design pushes the limits of miniaturization
- High-resolution, full-screen 720 x 720 display
- Mature mass production combines high yield and cost efficiency

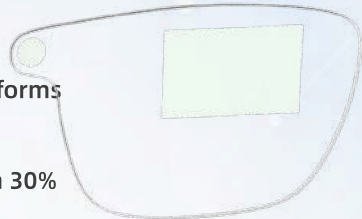
Front-lit LCoS full-color light engine	
Display size	0.17"
Resolution	720*720
Volume	~0.33cc
FOV	30°

01 2D HOE waveguide

Color	Mono Green
FOV	25° (D)
MTF	30% @ 6.5 lp
Eye glow	3%

HIGHLIGHTS

- Flexible customization for flat and curved forms
- Only eye glow 3% for privacy
- High-definition, high-contrast images with 30% MTF

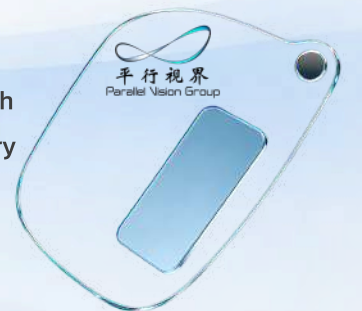


02 PVG waveguide Joint innovation with Southeast University & Parallel Vision Group

Color	Full color
FOV	16° (D)
MTF	40% @ 6.25 lp
Eye glow	3%

HIGHLIGHTS

- High optical efficiency: low power and high brightness for outdoor use and long battery life
- Minimal rearward light leakage protects privacy and improves appearance
- Fast, low-cost customization for diverse industrial designs



03 T-Lens Camera

Image size	1/3.6" IMX 681
Pixel size	1.0 μm x 1.0 μm
FOV	77.4°/61.9°/ 90.1°
Lens structure	6P+1T-Lens

HIGHLIGHTS

- Innovative 6P+1G lens design for precise focus
- Advanced T-Lens enables electrically controlled, ultra-fast focusing
- A stable field of view with no mechanical displacement prevents focus breathing



INNOVATIVE ROBOTICS

Home companion robot



In-house chassis

Custom chassis design for ultimate stability
High-performance motors with precise motion control for smooth, high-torque movement



Multi-sensor environment perception

Fused LiDAR & 3D Vision for real-time environmental perception



Anomaly detection

AI vision and sensor fusion detect senior falls and trigger timely alerts



Acoustic solutions

Multi-mic array + AI noise reduction for far-field pickup, localization, and stereo sound



Motion-control algorithms

SLAM fuses vision and multi-sensor data for intelligent navigation and obstacle avoidance



Intelligent projection

Integrated projection module with auto-correction enables seamless projection on floors and walls

AI desktop robot



A desktop learning companion that hears, sees, explains and projects.

Questions answered. Understanding made visible. Effort encouraged.



Low-latency on-device voice interaction

Integrates voice wake-up, VAD, ASR, and local TTS for ultra-low-latency voice interaction



Projection and visual-space integration

Calibration & perspective mapping for precise projection alignment



Agent-based task orchestration

Agents and state machines for seamless hardware orchestration



Multimodal perception and understanding

Edge-cloud collaboration for multimodal intent understanding and content analysis



Edge-cloud visual analysis

On-device detection paired with cloud multimodal models for precise analysis and verification



Visual tracking and motion control

Keypoint detection and spatial mapping for precise target tracking and robotic following