

*Only part of exhibits, listed in no order.

Vehicle Perception

LiDAR

Core Component

- VCSEL
- Linear Array SPAD Detector
- Active Meta-surface Optical Control Chip
- LiDAR Light Source
- Optical Scanning Rotating Mirror Module

LiDAR

- Automotive-Grade LiDAR
- Solid-State Vehicle LiDAR
- Hybrid Solid-State LiDAR
- Unmanned LiDAR Sensor
- Image-Level Optical Fiber LiDAR
- DToF LiDAR
- Automotive-Grade Hybrid Solid-State LiDAR
- FMCW LiDAR Optical Engine
- Optical Fiber Vehicle LiDAR
- Multi-Line Mechanical LiDAR

Infrared Night Vision

Infrared Lens

- Crystal-Level Infrared Lens
- Short-Wave Infrared Lens
- Continuous Zoom Infrared Lens

Infrared Night Vision Device

- Automotive Infrared Thermal Imaging Night Vision Device
- Automotive Infrared Night Vision System
- High-End Industrial Thermal Imaging Camera
- Infrared Thermal Imaging Meta surface Lens System

Automotive Camera and Module

Lens and Module

- Vehicle Lens Module
- Front-Mounted Vehicle Lens
- Smart Headlight Projection Lens
- Camera Module
- Automotive Optical Solution
- Ground Projection Miniature Lamp Module
- Automotive-Grade Lens Module

CMOS

- CMOS Image Sensor
- CMOS Image Sensor Chip
- Global Shutter CMOS
- CMOS Image Sensor and Module

Optical Lens

- Colored Optical Glass
- Glass Aspheric Optical Lens
- Wafer-Level Glass Lens
- Spherical Glass Lens

Filter

- LiDAR Filter
- Optical Filter
- Optical Coating Filter
- Camera Filter
- Colored Filter

Smart Cockpit

Display Screen

Material and Module

- Mini LED Vehicle Backlight Source
- Driving Panel
- Organic Electroluminescent Device
- Metal Oxide Semiconductor Target

Display Panel

- Mini LED Vehicle Display
- OLED Miniature Display
- AMOLED Vehicle Human-Machine Interaction
- Flexible Micro-LED Display

HUD

AR-HUD

- AR HUD Large Size Optical Waveguide
- Extended FOV-ARHUD
- Holographic Waveguide AR-HUD

AR Optical Module

- Optical Solution Module
- AR Diffractive Optical Waveguide
- Array Waveguide Module
- AR Optical Solution

Optical Component/Material

- Mini Display Optical Device
- Diffractive Optical Element
- Vehicle HUD Optical Component
- HUD Optical Component
- Optical Lens

3D ToF Camera

- 3D ToF
- 3D-dToF Sensor
- Array dToF Sensor
- ToF Ranging Sensor
- 3D ToF Imaging Array Product
- ToF Sensor Chip
- dToF Sensor
- ToF Lens
- Single Point Ranging Sensor Module

Light Source

- Vehicle Backlight Source
- Multi-Channel High-Brightness LED Light Source
- Small Angle Emitting LED Light Source
- Transilluminator
- L-Type Multi-Spectral Light Source Device
- DNP Light Source
- OTP Burn-in Light Source
- UV Laser Light Source

MEMS Sensor

- Pressure Sensor
- Vibration Sensor
- Material Sensor
- Detection Sensor
- Temperature Sensor
- Gas Leak Detection Sensor
- Infrared Carbon Dioxide Sensor
- Capacitive Angle Sensor

Vehicle Optical Communication

Optical Fiber

- Multimode Fiber
- Fiber Optic Array
- Plastic Optical Fiber
- High-Temperature Fiber
- Quartz Fiber Optics
- Special Fiber Optics and Solution
- Special Fiber Array Product

VCSEL

- 2.5G/10G DFB Laser
- 25Gbps Direct Modulated DFB Laser
- VCSEL Epitaxial Wafer
- VCSEL Optical Chip

Optical Module

Optical Module

Production & Manufacturing

Laser Equipment and Laser

- Laser Cutting Equipment
- Laser Solder Ball Jet Solder Machine
- Dual-Station Laser Solder Welding Machine
- Intelligent Laser Welding System
- All-Solid-State High-Power Femtosecond Laser
- Semiconductor Laser
- Infrared Picosecond Fixed Lasers
- Automotive Industry Detection Linear Laser

Robot

- Industrial Robot
- Intelligent Robot Polishing System
- Mobile Composite Robot
- Parallel Six-Degree-of-Freedom Robot
- Suction Screw Locking Robot
- Robot Grinding and Polishing Integrated Machine

Automation/Semiconductor Equipment

- Fully Automatic High Precision Eutectic Machine
- Semiconductor Cutting Equipment
- Fully Automatic Multi-Function Solder Paste Printing
- Automatic Glue Dispensing and Solder Paste Printing Machine
- Online Temperature Monitoring Semiconductor Heating System
- Grinding Machine
- Glue Dispenser
- Soldering Equipment

Inspection, Testing, and Measurement System

- ADAS Camera Testing Solution
- Vehicle Module Assembly and Testing Production Line Equipment
- LiDAR Assembly and Testing Line
- Compact High Precision Optical Transfer Function Measurement Instrument
- 3D Optical Profiler
- Industrial Microscope
- Freeform Surface Measurement System
- 3D Optical Surface Shape Measurement System

Vacuum Coating Equipment

- Vacuum Coating Machines
- Evaporation Coating Equipment
- Flexible Electronics Roll-to-Roll Vacuum Coating Equipment
- IBS Ion Beam Sputtering Coating Equipment
- Large Magnetron Sputtering Optical Coating Equipment

Lens Assembly Equipment

- Vehicle Ultra-Wide Dual-Station AA Equipment
- HD Wide-Angle Lens Automatic Assembly Equipment
- Fully Automatic Vehicle Lens Assembly Line Equipment
- Fully Automatic AA Equipment



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