

*Only part of exhibits, listed in no order.

Core Component



3D Vision

- 3D Structural Light Vision Module
- 3D Binocular Stereo Vision Module
- 3D Vision AI Chip
- 3D TOF
- IoT Solution
- CMOS Image Sensor
- Vision Sensor
- TOF Ranging Sensor

LiDAR

- Multi-Line Mechanical LiDAR
- ToF LiDAR
- Single Point Ranging LiDAR
- DToF LiDAR
- Industrial Grade LiDAR
- Solid-State LiDAR
- Single-wire High-speed LiDAR
- LiDAR Light Source - EEL & VCSEL
- Ultra-wide Angle Blind Spot LiDAR

Industrial Sensor

- Vibration Sensor
- Pressure Sensor
- Force Sensor
- LVDT Displacement Sensor
- 6D Force Torque Sensor
- Fiber Optic Acceleration Sensor
- CMOS Image Sensor
- CMOS Industrial Sensor
- Fiber Bragg Grating Sensor

Industrial Camera

- Industrial Camera
- Ultra-high-speed Industrial Camera
- 4K Industrial Camera
- Infrared Camera
- High-speed Camera
- Industrial Grade RGB-D ToF Camera

MEMS Sensor

- 3D-dToF Sensor
- Single-photon 1D-dToF Sensor
- Two-Dimensional Electromagnetic Actuated MEMS
- MEMS Mirror
- MEMS Galvanometer

Lens/Module/Light Source

- Ultra-Short Focus Optical Lens
- Machine Vision Lens
- TOF Lens
- Microscope Lens
- 4K Wide-Angle Low-Distortion Lens
- 3D Sensing Lens Module
- Wide-Angle Camera Lens Module
- Hybrid Image Stabilization Module
- High-Pixel Periscope Module
- External Imaging Module
- Full Spectrum Light Source
- Transmissive Light Source
- Semiconductor Light Source
- Laser Light Source
- Industrial Vision Light Source
- DNP Light Source
- Detector Light Source
- White Laser Series Light Source

Display Screen

- Silicon-based OLED Micro Display
- Micro-LED Miniature Micro Display
- Seamless U-shaped (Wedge-shaped) Folding Screen
- Flexible Micro-LED Display

Reducer/Controller

- Hollow Cup Planetary Reducer
- Low-Temperature Reducer Motor
- DC Reducer Motor
- Piezoelectric Ceramic Controller and Micrometer
- Crystal Oscillation type Deposition Controller

Motor

- XY Micro-Linear Motor Platform
- Stepper Motor
- Miniature DC Hollow Cup Motor
- Sealed Spindle Rotary Table Motor Servo
- Indexing disk motor servo
- Small Size Alignment Motor Servo

Guide Rail

- Linear Guide Rail
- XYZ Axis Linear Ball Guide Rail
- VR Series Cross Roller Guide Rail
- TGHK Circular Guide Rail
- TGHK Vertical Circular Guide Rail
- Precision Arc Cross Roller Guide Rail
- Anti-creep Cross Roller Guide Rail
- Cross Roller Guide Rail

Key Material



Optical Material

- Optical Glass Strip
- Optical Coating Material
- Optical Window
- Spherical Lens
- Cylindrical Lens
- Ultra-precision Optical Component

Laser Material

- Laser Wafer
- Fiber Crystal
- Fast Axis Collimating Lens
- Collimator / Focus lens
- Fresnel Lens
- Fiber Lens
- Beam Expander
- Laser Galvanometer Mirror
- Integrated TOF LiDAR Receiver Chip
- LiDAR EEL Chip
- Semiconductor Laser Chip
- Semiconductor Laser Diode
- High Uniformity Beam Sampling Grating
- Broadband Gold-plated Grating

LiDAR Core Component

- Array SPAD Sensor
- Area Array SPAD Detector
- Multi-Junction VCSEL Array
- LiDAR Scanning Module
- FMCW LiDAR Dedicated MEMS Mirror

Display Material

- Organic Luminescent Material
- Microcrystalline Glass
- Anti-Reflection and High-Transmission Coating
- OLED Light-focusing High-refractive Layer
- ITO Target Material
- Metal Oxide Semiconductor Target Material

Production & Manufacturing



Robot

- SMR Mobile Composite Robot
- Non-invasive Physical Examination Robot
- Single-Axis Robot
- Industrial Robot
- Robot Grinding and Polishing Machine
- XR Evaluation of Bionic Robot
- Six-degree-of-freedom Parallel Robot
- Robot Vacuum
- Screw Robot
- MID Composite Robot

Automation Equipment

- Flexible Gripper
- High-load Gripper
- Pneumatic Gripper
- High Vacuum Ball Valve
- XYZTR Manual Slide Table
- UVW Alignment Platform
- XY Micro-linear Motor Platform
- Precision Electric Linear Displacement Slide Table
- Axis Precision Electric Displacement Stage
- Fully Automatic Chip Four-sided Appearance Inspection Equipment
- Automated Standard Edition Sorter

Laser Equipment

- Handheld Laser Marker
- 3D Laser Marker
- Solder Ball Welding Machine
- Laser Solder Welding Machine
- Laser Cutting Machine
- Line Laser Profiler
- Laser Etching Equipment

Lens Assembly/Optical Processing Equipment

- Lens Assembly Line
- HD Wide-Angle Lens Automatic Assembly Equipment
- Full-Automatic AA Equipment
- Full-Automatic Assembly Line Equipment
- Full-Automatic Camera Filter Laminating Machine
- Light Waveguide Dispensing and Laminating All-in-1 Machine
- Nano-Imprinting Machine
- Five-Axis Ultra-Precision Machining Center
- Precision Optical Coating Machine
- Magnetron Sputtering Coating Machine
- Vacuum Coating Machine



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