

# Application of Photonics Technology in Security Industry

Photonics technology has been widely applied in the security industry. Security lenses, image sensors, infrared thermal imaging, infrared equipment and 3D vision have all been widely used in surveillance and control systems, facial recognition, intelligent locks and access control system.

APE 2024 (Asia Photonics Expo) is a comprehensive exhibition covering the whole photonics industry chain, showcasing products and technologies used in manufacturing, such as security lenses, camera modules, infrared thermal imaging, 3D sensing and image sensors. It is a one-stop solution platform for enterprises to source products, learn about innovative technologies and conduct communication or business connections.

## APE 2024

Asia Photonics Expo

**March 6-8, 2024**

Marina Bay Sands Singapore

**15,000**  
Exhibition Area

**5,000+**  
Visitors

**400+**  
Exhibitors

### Exhibitor Profile



**INFORMATION AND  
COMMUNICATION**



**PRECISION OPTICS  
& CAMERA**



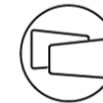
**INTELLIGENT  
SENSING**



**INFRARED  
APPLICATIONS**



**LASERS TECHNOLOGY &  
INTELLIGENT MANUFACTURING**



**DISPLAY  
TECHNOLOGY**

# Exhibit Profile

## Component

- Security Lenses
- Infrared Illuminators
- Infrared Cameras
- Infrared Detectors
- LiDAR System and Solutions
- LiDAR Core Components
- Laser Trackers
- Visual Sensors
- Image Sensors
- VCSEL Chips
- Numerical Control System Inspection and Reverse Engineering Software
- 3D Inspection Software
- Intelligent Security Cameras

## Manufacturing

- Laser Equipment
- 3D Printing Equipment
- Robot Control System
- Fire Protection and Security System
- Lens Assembly and Testing Instruments
- Vacuum Coating Equipment
- Industrial Sensors
- Intelligent Equipment
- Laser Security Products

## Surveillance System

- Infrared Thermal Imagers
- Infrared Thermometers
- Infrared Night-vision Instruments Imaging System
- Infrared Surveillance Equipment

# Target Visitors

Suppliers of Access Control System/Video Surveillance System /Anti-Theft Alarm System, Security System Integrators, Contractors, Wholesalers, Agents, Aerospace Industry, National Defense and Military Industry, Marine Industry, Firefighting and Police, etc.

# Key Exhibitors

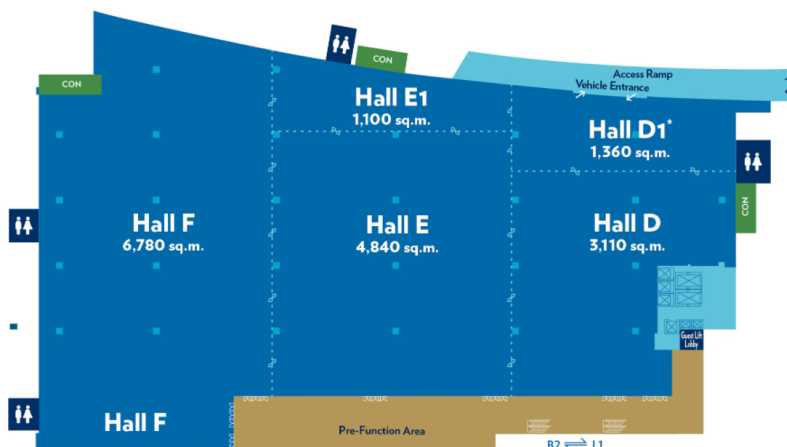


## FLOOR PLAN

EXHIBITION HALLS ON

# B2

Floor Area 17,190 sq.m.



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