

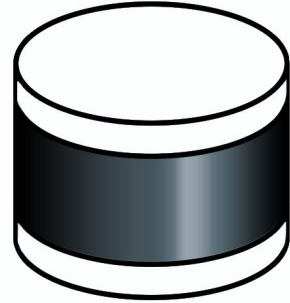
# Discovery

LiDAR Made Easy.

A Plug & Play LiDAR Perception System.

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# Discovery

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## All-in-one Kit.

Simple 3-step process:  
Open the box, plug it in,  
see the results



## Machine Learning.

High Accuracy  
Customized Classification Enabled



## Lidar agnostic.

Select the right sensor for the job -  
without compromise



## Saves time.

Accelerate time-to-market  
Ready to integrate & POC ready.

# What's Included.

## Software

Perception System

Object Detection, Tracking, Classification

*Machine Learning Enabled*

Live Object List Stream

## Hardware

### - Lidar Processing Unit (LPU)

Ruggedized Design

Seoul Robotics Certified Hardware

### - Sensor

Seoul Robotics certified Sensor Selection

Sample Data, SDK & API

Technical Support

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## Discovery Family.

Product	LPU Model	# of Connected LiDARs
Discovery One	LPU-1	1 - 2
Discovery Plus	LPU-8	1 - 8
Discovery-X	LPU-L	1 - 10

## Software Features.

Software Core	Description	Use Case
SENSR 2.0	Pedestrian and vehicle detection and tracking with ML based classification	Security Retail Smart Infrastructure Machine Learning based Smart City ITS/Vulnerable road use Smart Automation

# Technical Specifications.

## Connectivity

Ethernet  
Wi-Fi  
LTE optional

## Power Input

12V~36V DC

## Output Interface

Ethernet  
Digital I/O  
COM  
USB 3.0

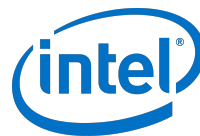
## Environmental

Ruggedized  
Fanless

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**emart**



## About Seoul Robotics.

Seoul Robotics is the pioneer in advanced 3D computer vision technology, and leading provider in Lidar solutions. With their base in Seoul, Ann Arbor, and Munich, Seoul Robotics serves international OEMs and government partners to democratize Lidar solutions.

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