



LIDRO

PRODUCT LINE-UP

2022

LIDRO Inc.



LIDRO

Corporation Summary

LIDRO Inc.



LIDR

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LIDRO

PRODUCT LINE-UP

LIDRO Inc.



LIDRO's core advanced technology leads Korea's technology



Established year

January 2019 ⓘ www.lidro.com

Number of employees

45 people ⓘ incl. new hiring candidates in 2023

Location

Head Office 8th floor of W-City B-dong, 9-22 Pangyo-ro 255beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea

R&D Center 8 Heungan-daero 439beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, Republic of Korea

Main production products

Automotive LiDAR Scanner/Rotating Type , Flash Type (ToF 3D)

Industrial LiDAR Scanner/Rotating Type, Flash Type ⓘ Surveillance, Security, Consumer electronics, Robots, etc.

Development history

MTIS LiDAR kicked off LiDAR concept development in April 2017

ⓘ MTIS (Holding company of Lidro): Specialized in 3D platform & optic module development and

SRIG(Synchronized Rotating Image Generation) & SVIG(Synchronized Vibrating Image Generation) type LiDAR

Established R&D Center ⓘ 2021. 9



IL110 Camera plus

Industry LiDAR



Innovative LiDAR Corporation, LiDRO



Model name	IL110 Camera plus
SOP	2023. 6
Technology	Flash iToF
Wavelength	940nm
Viewing angle <small>① HxV</small>	100x75°
Resolution <small>① HxV</small>	0.32x0.32°
Measuring range <small>① @R 10%</small>	7m
Measuring range <small>① @R 85%</small>	15m
Option	Surveillance SW, Camera 2.6M Pixel
Use case	3D Face Reconstruction



IL110 Camera plus

Industry LiDAR



IL110

Industry LiDAR

Innovative LiDAR Corporation, LiDRO



Model name IL110

SOP 2023. 6

Technology Flash iToF

Wavelength 940nm

Viewing angle 100x75°
● HxV

Resolution 0.32x0.32°
● HxV

Measuring range 10m
● @R 10%

Measuring range 30m
● @R 85%

Option Surveillance SW

Use case Surveillance, Robot



IL110

Industry LiDAR



IL410

Industry LiDAR



Innovative LiDAR Corporation, LIDRO



Model name	IL410
SOP	2023. 12
Technology	Rotating Mirror dToF
Wavelength	905nm
Viewing angle <small>① HxV</small>	120x25°
Resolution <small>① HxV</small>	0.1x0.1°
Measuring range <small>① @R 10%</small>	190m
Measuring range <small>① @R 85%</small>	300m
Option	Surveillance SW
Use case	Surveillance, Robot



IL410

Industry LiDAR



AL110

Automotive LiDAR



Innovative LiDAR Corporation, LIDRO



Model name	AL110
SOP	2026. 6
Technology	Flash iToF
Wavelength	940nm
Viewing angle <small>● HxV</small>	100x90°
Resolution <small>● HxV</small>	0.32x0.375°
Measuring range <small>● @R 10%</small>	20m
Measuring range <small>● @R 85%</small>	50m
Option	Surveillance SW
Use case	Autonomous Parking



AL110

Automotive LiDAR



AL410

Automotive LiDAR



Innovative LiDAR Corporation, LIDRO



Model name	AL410
SOP	2026. 6
Technology	Rotating Mirror dToF
Wavelength	905nm
Viewing angle <small>① HxV</small>	120x25°
Resolution <small>① HxV</small>	0.1x0.1°
Measuring range <small>① @R 10%</small>	190m
Measuring range <small>① @R 85%</small>	300m
Option	TBD
Use case	Autonomous Driving



AL410

Automotive LiDAR



IL510

Industry LiDAR



Innovative LiDAR Corporation, LIDRO



Model name	IL510
SOP	Under Development
Technology	Under Development
Wavelength	Under Development
Viewing angle ① HxV	Under Development
Resolution ① HxV	Under Development
Measuring range ① @R 10%	Under Development
Measuring range ① @R 85%	Under Development
Option	Under Development
Use case	Under Development



IL510

Industry LiDAR



LIDR

Thank You

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