



Lightweight
small

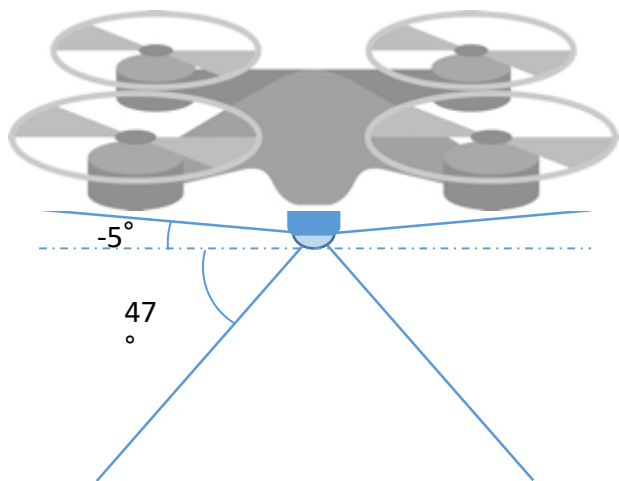
Non
-mechanical

PAL-LiDAR

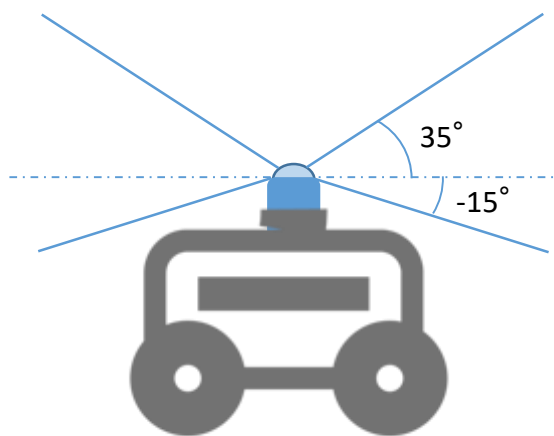
Omnidirectional 3D-Lidar image sensing
Perfect for drone because it has no gyro effect!

TATEYAMA®

Type : 4705



Type : 3515



SPECIFICATION

Type.	4705	3515
Sensor type	ToF image sensor	
Size	50mm × 70mm × 90mm	
Weight	250g (not include cables)	
Horizontal measuring range	H 360° × V -47 ~ 5°	H 360° × V -15 ~ 35°
Measuring distance	0.5 ~ 20m	
Horizontal angle resolution	0.26° (at vertical 0°)	0.71° (at vertical 35°)
	0.65° (at vertical -45°)	0.24° (at vertical -15°)
Vertical angle resolution	0.31°	
Frame rate	30fps	

APPLICATION



UAV



AGV



FA
ROBOT



CAR

- 360°depth(roughness) image can be obtained with one unit by applying "Flash-LiDAR".
- Scanning mechanism for 360° is not required, that makes possible to improve reliability and reduce size and weight.
- Can be used for spatial recognition and collision avoidance or avoid privacy issue such as personal identification at human detection.

TATEYAMA®

CONTACT

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CAUTION

All specifications are subject to change without prior notice.

