






LIDAR TOF RANGE FINDERS

The Time-of-Flight (ToF) distance sensors measure a single point and return distance values in millimeters at high speed. They are plug and play, eye-safe and easy to use. Typical applications include drone altimeter, robotics distance sensing, proximity sensing, level monitoring, and many more.

	Product	Resolution	Range	Update rate	Accuracy	Weight	FoV	Interfaces
	TeraRanger Evo 60m	1 pixel	0.5 up to 60m	up to 240Hz	±4cm in the first 14m, 1.5% above 14m	12g	Approx. 2°	USB, I2C, UART
	TeraRanger Evo 3m	1 pixel	0.1 up to 3m	Fixed 100Hz	± 2cm	12g	Approx. 2°	USB, I2C, UART
	TeraRanger Evo 600Hz	1 pixel	0.75 up to 8m	Fixed 600Hz	±12cm	12g	Approx. 2°	USB, I2C, UART
	TeraRanger One	1 pixel	0.2 up to 14m indoors (at least 5 to 6m in sunlight)	Up to 600Hz (precision mode)	± 4cm	8g	Approx. 3°	UART I2C (via adapter) USB (via adapter)
	TeraRanger Duo	1 pixel	ToF: 0.2 up to 14m Ultrasound: up to 7.65m	ToF: up to 600Hz (precision mode) Ultrasound: up to 20Hz	ToF: ± 4cm	16g	ToF: Approx. 3° Ultrasound: larger than 3.4°	UART USB (via adapter)