




TERARANGER HUB EVO COMPATIBLE PRODUCTS

The compact and lightweight (13g) Hub Evo board enables users to connect up to 8 TeraRanger Evo distance sensors and build custom sensor arrays. TeraRanger Hub Evo features a crosstalk avoidance mode triggering sensors in a sequence to avoid crosstalk and allowing to place these where necessary! It's the ideal solution for research, R&D projects and rapid prototyping of multi-sensor configurations.

TeraRanger Evo sensors

	Product	Principle	Resolution	Range	Update rate	Accuracy	Weight	FOV
	Evo 60m	Infrared Time-of-Flight	1 px	0.5-60m	Up to 240Hz	±4cm in the first 14m, 1.5% above 14cm	12g	Approx. 2°
	Evo 600Hz	Infrared Time-of-Flight	1 px	0.75-8m	Fixed 600Hz	±12cm	12g	Approx. 2°
	Evo 3m	Infrared Time-of-Flight	1 px	0.1-3m	Fixed 100Hz	±2cm	12g	Approx. 2°

Interface boards

	Product	Function
	Hub Evo Backboard	Ensures compatibility with TeraRanger Hub Evo and TeraRanger Evo sensors (comes with a 20cm flat flex cable)