





# 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 - 60 m	Up to 240 Hz	± 4 cm in the first 14 m, 1.5% above 14 cm	12 g	Approx. 2°
	Evo 600Hz	Infrared Time-of-Flight	1 px	0.75 - 8 m	Fixed 600 Hz	± 12 cm	12 g	Approx. 2°
	Evo 3m	Infrared Time-of-Flight	1 px	0.1 - 3 m	Fixed 100 Hz	± 2 cm	12 g	Approx. 2°
	Evo Mini*	Infrared Time-of-Flight	1 px	0.03 to 3.3 m	Fixed 16 Hz	± 2 cm	9 g	27°

\*Compatible with Hub Evo in 1px, Long-range mode

## Interface boards

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