



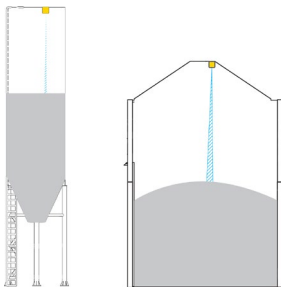
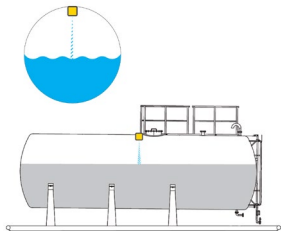
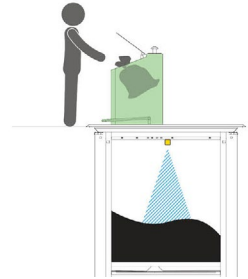
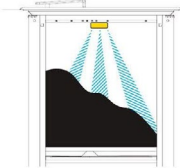


SENSOR MODULES FOR LEVEL MEASUREMENTS

Applications guide

	TeraRanger Evo 60m	TeraRanger Evo 3m	TeraRanger Evo Mini	TeraRanger Multiflex
				
Use	Long range (0.5 up to 60 m) ToF sensor for taller and larger silos	Close-range (0.1 to 3 m) ToF sensor for smaller tanks and vats	Low-cost ToF sensor for smaller containers, with 27° FoV	Multi-sensor ToF kit for monitoring uneven material distribution
Use-case examples	<ul style="list-style-type: none"> • Animal feed silos • Fish farming silos • Grain bins • Construction materials • Water treatment silos 	<ul style="list-style-type: none"> • Fuel and oil tanks • Rain water measurements • Water management • Milk levels 	<ul style="list-style-type: none"> • Rain water measurements • Sewage network systems • Waste bins and recycling 	<ul style="list-style-type: none"> • Waste bins and recycling • Small container with uneven material distribution
				

Technical comparison

	TeraRanger Evo 60m	TeraRanger Evo 3m	TeraRanger Evo Mini	TeraRanger Multiflex
				
Pixels	1 px	1 px	1 px, 1x2 px, 2x2 px	8 px (8 sensors)
Range	0.5 up to 60 m	0.1 to 3 m	0.03 to 3.3 m	0.05 m up to 2 m
Accuracy	± 4 cm in the first 14 m; 1.5% above 14 m	± 2 cm	± 1.5cm (1px mode)	± 3 cm (Multiflex PCB)
Field-of-View	2°	2°	27°	20° (per sensor)
Data interface	USB, I2C, UART	USB, I2C, UART	USB, I2C, UART	USB, I2C, UART
Power Consumption	90 to 330 mA	70 to 250 mA	50 mA	50 mA (8 sensors)
Weight	12 g	12 g	9 g	20 g (8 sensors)
Link to product page	Evo 60m web page	Evo 3m web page	Evo Mini web page	Multiflex web page