

Sensor Type →	IR	Ultrasonic
Measurement Method	Triangulation and ToF	ToF
Source	Reflected Light Waves	Reflected Sound Waves
Applicable Surface	Suitable to Complex Surfaces	Not Suitable to Complex Surfaces
Range	Shorter	Longer
Resolution	Higher	Lower
Refresh Rate	Much faster	Slow
Detection Angle	Narrow	Wide
Sensitivity to Surface Material	Lower	Higher
Sensitivity to Surface Geometry	Lower	Higher
Sensitivity to Environmental Conditions	Moderate	Higher