



The DR-2 is a FOG (Fiber Optic Gyroscope) based mapping tool specifically developed for generating accurate As-Built maps of small diameter ducts. The articulated housing of the DR-2 system has an outside diameter of just 36mm and is suitable for a duct ID starting at 40mm (1.5"). The system includes spacers to scale the unit in 2mm increments up to a duct ID of 75mm (3.0").

The DR-2 is robust and easy to operate. When following the recommended standard operational procedure, an As-Built of a duct segment of 500m length can be generated in 1 hour and output can be viewed instantly in most common GIS platforms.



## Key Technical Specifications

Probe length	+/- 800mm / 31.5"	Gyroscope Type	Fiber Optic
Outer diameter	36mm / 1.4"	Max. traveling speed	1m(3') / sec
Probe weight	1.2 kg / 2lb	Data logging rate	100 Hz
Inclination range	+45 to -45 degrees	Battery type / autonomy	Lithium Ion / 4 hours
Pipe ID range	40mm to 75mm	Output format	AutoCAD script, xlsx, csv, xml