



## CLEARANCE

### ABT4650 RouteScan

### ABT4650 Target Pole (Optional Extra)

RouteScan has been developed to provide quick, accurate structure clearance measurements relative to the Permanent Way. The Gauge self-locates on the track and can be operated from a position of safety using the supplied PDA via a Bluetooth connection.

X/Y co-ordinate points are measured using a laser which rotates through 360°. RouteScan is also able to measure Track Gauge and Super-Elevation. Data recorded by RouteScan is compatible with MS Excel™ and Clear Route™ and is easily transferred to a PC via USB.

The unit is a lightweight 9.5kg and is provided with a rugged box for storage and transportation to and from site. The unit has been designed to be user-friendly, additional training course can be provided.

Some of the functions of RouteScan are:

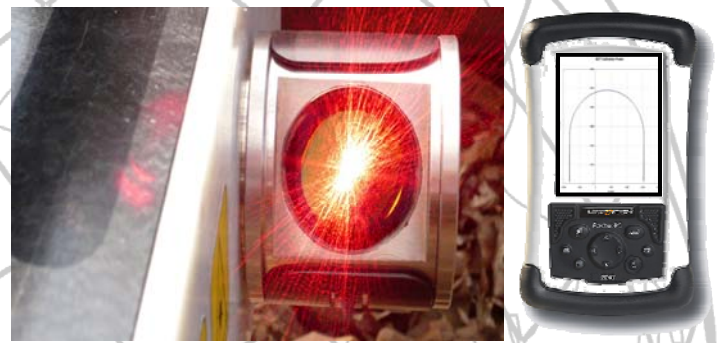
- Over Bridges
- Tunnels
- Platforms; including 'true' platform edge position
- Signals & Gantries
- Under Bridges
- Datum Plates
- Six Foot & ten Foot Rail positions
- Super-Elevation and Running Gauge

A target pole set is available for the capture of measurement positions that would otherwise have been obstructed.



PADS No: 057/075504

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### Technical Data

Point Co-ordinates	- Range	- 0.2-3.0m
	Accuracy	- ±3mm @ 4.0m ±6mm @ 8.0m
	Resolution	- 1mm
Track Gauge	- Range	- -15/+25 (on nominal)
	Accuracy	- ±0.5mm
	Resolution	- 0.1mm
Super-Elevation	- Range	- ±200mm
	Accuracy	- ±1.2mm
	Resolution	- 0.1mm
Dimensions	- Length	- 1600mm
	Width	- 260mm
	Height	240mm
	Weight	9.5kg