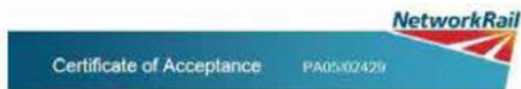




## Wi-Fi-enabled LaserSweep™

LRLS05 Wi-Fi specification.

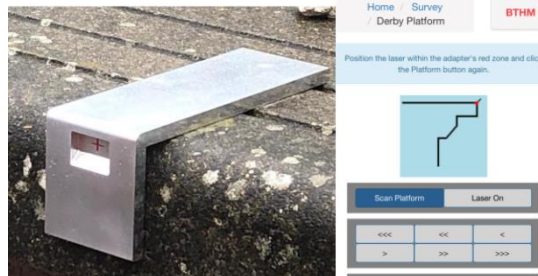
Lightweight portable gauging laser scanner



**Omnicom**  
**Balfour Beatty**

# Why choose the lightweight LaserSweep™ – RollerSweep?

- Less than 12kg – supplied in a hi-vis ruck sac style holdall bag
- Single point platform edge capturing functionality



- Datum plate horizontal and vertical offset measurement – Fully approved for Network Rail renewals: Pre-Tamp/Post Tamp works
- Ability to compare measured data against a preloaded design for platform gauging
- Automatic population and export of Network Rail standard Platform/Datum TEF spreadsheets - Instant electronic transfer of surveyed data from site
- New design enables continuous movement through check rail/S&C locations
- Ability to include track geometry information as part of profiles



## LaserSweep™ - RollerSweep specification

### Temperature range

Operating temperature range -10°C to +50 °C

### Distant range

0.5 – 30m

### Specified accuracy range

Accuracy better than  $\pm 2$ mm (to sd)

### Actual Range

0.5m – 30m

### Angle range

20-240 degrees

### Angle resolution

0.18 degrees, 0.2 grads

### Angle accuracy

$\pm 0.09^\circ$  – 0.1 grad (to 2 sd)

### Co-ordinate accuracy

$\pm 4$ mm at 4m distances  
 $\pm 10$ mm at 9m distances

### Cant measurement

Accuracy typically  $\pm 2$ mm (to 2 sd)

### Measuring speed

1-6 seconds per reading depending on surface reflectivity.

Please feel free to contact us for further information.

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