

A service of Robots in Search Pvt Ltd Australia

Datasheet BiCo 1.0



Success is countable!

Laser based bicycle counting



Laser based bicycle counting

BIKECOUNTING

ABOUT BiCo 1.0



FEATURES BiCo 1.0

- 3D laser for safe bicycle counting
- \oslash High counting accuracy of up to 97
- \oslash Mounting height from 6 - 8 m
- \oslash Detection width up to 2.4 m
- \oslash Direction of movement measurement

APPLICATION AREAS BiCo 1.0

Mo Bicycle lanes **Mo** Rapid cycle routes **W** Cycling and hiking trails

The **BiCo 1.0** consists of 3D laser technology and ensures reliable bicycle counting with a counting accuracy of up to 97%. Its reliable 3D technology captures any scenes and objects in the infrastructure area. Due to the high refresh rate of 50 Hz, faster bikes such as e-bikes can also be recorded without any problems. Thanks to its robust housing, the **BiCo 1.0** can be used in all weathers and is therefore resistant to external environmental influences. The data protection harmlessness rounds off his profile.

- S Laser class 1 (eye safe)
- Compact and robust housing
- Insensitive to environmental influences (sun, rain)
- Harmlessness under data protection law

TECHNICAL DETAILS BiCo 1.0

Hallmarks Installation height Coverage long ago Detection range acros Counting accuracy Laser class Scan and profile measurements Aperture angles Scanning frequency Electrical system Electrical connection Operating voltage Power input Sensor: Dimensions (L x W x H) Dimensions (L x W x H) Lightin Heaviness Environmental data Operating ambient temperature



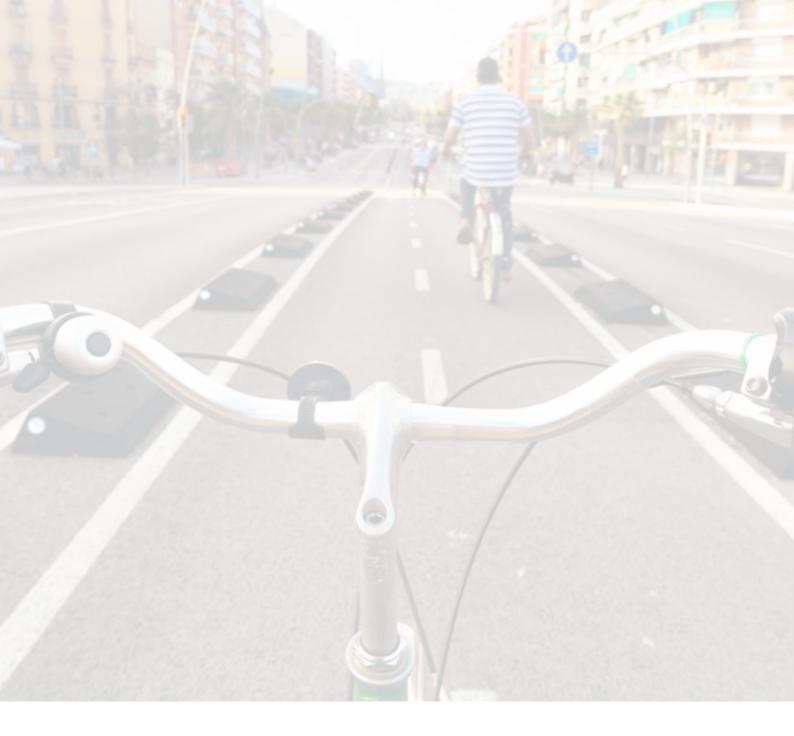
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BICO 1.0

6 m 8 m
5,6 m 8,4 m
1,6 m 2,4 m
up to 97 %
Class 1 (eye-safe)
70° × 23°
25 Hz / 33 Hz / 50Hz
M12 connectors
9 32 VDC
nsor: 4 W, Infrared illumination unit: 45 W
Sensor: 145 mm x 85 mm x 71 mm
ghting unit: 143 mm x 85 mm x 84 mm
Sensor: 1.0 kg, lighting unit: 1.3 kg

- 30°C ... + 70°C



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