



## iPhone Laser Telemeter

**iPhone laser telemeter to dock to smartphones / for application onto iPhone 4, 4S and 5 / immediate data storage and converting of the measurements to an image / free app / to generate drafts**

The iPhone laser telemeter iC4 is a device for simple distance measurement. After downloading the relevant app, the iPhone laser telemeter can be immediately operated by simply connecting it to the iPhone®. The iPhone laser telemeter delivers accurate measuring results due to up-to-date laser technology developed in Switzerland. Due to that the measurement values are displayed very accurately. The iPhone laser telemeter features a measurement accuracy of  $\pm 3$  mm, caused by the underground to which the iPhone laser telemeter is directed. Therefore it should be considered that the supporting face influences the measurement since the reflection and lighting of the objects background needs to be considered. Due to its high radiation the measuring result might be alternated at a minimum level. But the measurement inaccuracy never exceeds the mentioned 3 mm. But it is advised to not necessarily perform the measurement by means of the iPhone laser telemeter under to high or direct solar radiation. On the other hand the surface should be one that reflects very well. Despite the fact that the iPhone laser telemeter is a device with a simple design, it features a variety of functions. Thus the iPhone laser telemeter iC4 is able to perform summations and subtraction of the measured values. Thus the device represents a perfect tool for constructions, handcrafting, interior designing, and other day-in-day-out tasks, which require determining the distance to the ground, the ceiling, wall etc. A simple and quick installment allows an immediate operation of the iPhone laser telemeter. It designed for iPhone® 4 and for iPhone® 4S. Due to the Apple™ Lightning on a 30-pin adapter there is also the option to apply the iPhone laser telemeter on an iPhone®. The relevant app can be downloaded for free from the AppStore™. Further details are listed below. Working with the app or the iPhone laser telemeter does not damage the functions of the iPhone at all. Other apps, options, volume adjustment, microphone of the iPhone will not be effected in any way. For the distance measurement with the laser telemeter a laser hits the objects to which the distance needs to be determined. This laser is a class 2 laser, which means that it is harmless. Still eye contact with the laser should be prevented. Also it should be stored outside the range of infants. In case that you should have more questions regarding the iPhone laser telemeter, please read the following technical data, use our contact form or call us: **+44 (0) 2380 98703 0**. Our technicians and engineers will gladly advise you regarding the [distance meters](#) or all other products in the field of [Control Systems](#), [Laboratory Equipment](#), [Measuring Instruments](#) or [Scales and Balances](#) of [PCE Instruments Ltd.](#)





- For iPhone® 4, 4S and 5
- Free app in App-Store™ for download
- Measurement within seconds.

- Measurement range between 0 ... 20 m
- Option to convert the values into an image
- Data storage and option to send per mail

### Technical specifications

Supports	iPhone® 4, iPhone® 4S and iPhone 5® (Apple™ Lightning on 30-pin Adapter)
Measurement range	0.1 ... 20 m
Measurement accuracy	± 3 mm
Laser type	635 nm < 1 m W
Laser class	2
Power Supply	2 x 1.5 V AAA
Software	Prexiso App v 1.1 or higher Prexiso App Pro
Measurement function (per PREXISO app)	Measurement, summation, subtraction, delete
Help	download of instruction manual with app
Life-time of batteries	up to 3000 measurements
Automatic switch-off of laser	after 90 seconds inactivity
Automatic switch-off of device	after 180 seconds inactivity
Dimensions	107 x 57 x 34 mm (H x D x W)
Weight	90 g

### Further images





The iPhone laser telemeter can be simply docked to the smartphone



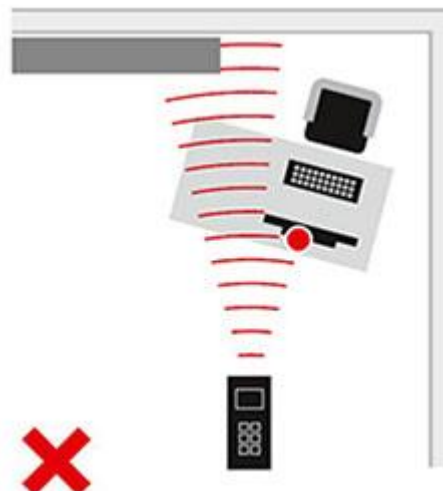
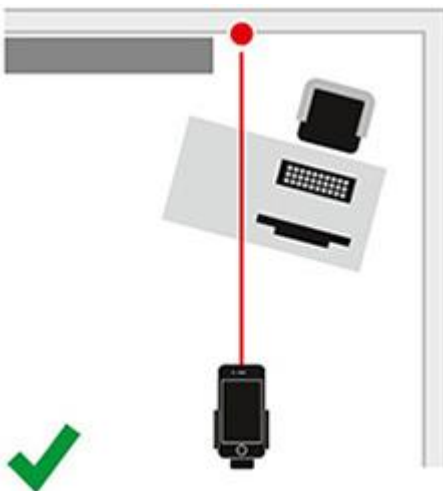
Overview of the iPhone laser telemeter from above. There the measurement can be performed.



As soon as the iPhone laser telemeter iC4 is docked in the measurement can be initiated.



Backside and battery case of iPhone laser telemeter



Above an instruction for application of the iPhone laser telemeter in the midst of other objects is illustrated. In contrast to the acoustic distance measurement, the iPhone laser telemeter is not affected by objects within range, since then the object would be falsified, because the acoustic waves would be also reflected by objects nearer to the measurement source, resulting in shorter distances being measured. The graphics above illustrate the advantage of a laser telemeter in contrast to an acoustic distance measurement. The red dots indicates which objects distance is actually being measured. With an acoustic distance measurement it is always the object being the



nearest to the measurement device.

### Delivery Content

1 x iPhone laser telemeter iC4, 2 x batteries (AAA), 1 x safety instructions

**Note: the relevant app for the iPhone laser telemeter iC4 can be downloaded for free from the App-Store™.**

