



## KeyBox

High precision mobile phenotyping

**“An all-in-one solution to implement digital phenotyping in-house”**

Marco van Schriek,  
Scientist digital phenotyping, KeyGene

**Do you want to measure germination, fruit color/shape or disease symptoms in a robust, reliable and flexible way? Want to apply digital phenotyping in your greenhouse or field site? KeyBox is an all-in-one tool to deal with all these challenges!**

KeyBox is a mobile digital phenotyping device used to measure plant or parts on a field site, laboratory or in the greenhouse and can be easily transported. KeyBox consists of an image chamber with a professional standard RGB camera to capture high quality images, a dedicated laptop for data handling, and custom made image analysis software. With KeyBox researchers are able to increase

the resolution and reliability of phenotypic data. It is ideal for analyzing plant parts like fruits, seeds, roots, leaves and seedlings. Applications range from germination to plant architecture and from fruit shape and color to foliar disease symptoms. KeyBox can perform multiple custom-made applications with one device. Choose from the existing applications or challenge KeyGene to design a new one for you!

How can we support your phenotyping?



**For more information, please contact:**

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