INSTALLATION MANUAL

beeVision

BeeVision 182

Version 1.2.2

CONTENTS

1. Preface

This document describes the installation of the BeeVision 182 dimensioning system. Permission must be obtained from 3DTİM Elektronik A.Ş. (3DTIM) to copy, reprint and translate this document in whole or in part. This manual may not be published, in whole or in part, or used without authorization for competitive purposes. 3DTIM reserves the right to make technical changes for improvement.

BeeVision 182 can only be used for dimensioning measurements of opaque objects with a maximum size of 800 x 600 x 600 mm (WxLxH). Any use other than this purpose is deemed illegal and constitutes a misuse of the machine. If it is used in this way, all responsibility will be on the user.

BeeVision 182 is under warranty for 1 year. Malfunctions resulting from user error or the use of the device not in accordance with the user manual are not covered by the warranty.

> ⓘ This installation requires 15 minutes and 1 person.

Figure 1.1

2. Description of The Product and Intended Use

BeeVision 182 is an industrial product used for dimensioning and weighing. It is designed for dimensioning and weight measurements of 800 x 600 x 600mm (WxLxH) opaque objects with a maximum weight of 60 kg.

2.1 Important Information

- If the upright column is damaged, or the measuring unit angle is distorted, the device may not work properly. Make sure the measuring unit is flat with respect to the measurement surface. You may use a water level to ensure that.
- BeeVision 182 cannot measure transparent objects such as glass or nylon.
- This device must be used in accordance with the restrictions stated above.

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3. Installation

BeeVision 182 is shipped as 2 boxes. The weight of Box-1 is 20 kg, dimensions are 810 x 810 x 230 mm as shown in Figure 3.1. The weight of Box-2 is 19 kg, dimensions are 675 x 745 x 205 mm.

Figure 3.1

Step 1

Make sure all 9 parts indicated in Figure 3.2. are present in the boxes. Carefully remove the BeeVision 182 components from the boxes.
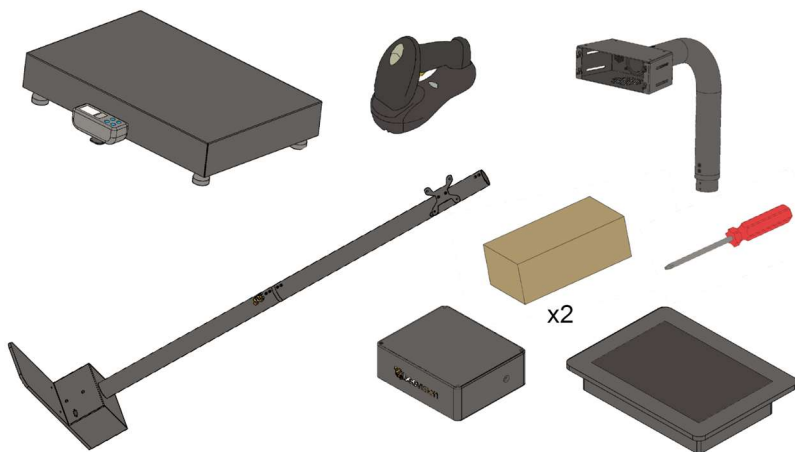

x2

Figure 3.2

Step 2

Put together the upper group and the bottom group as shown in Figure 3.3 using the 4 bolts provided on the device.
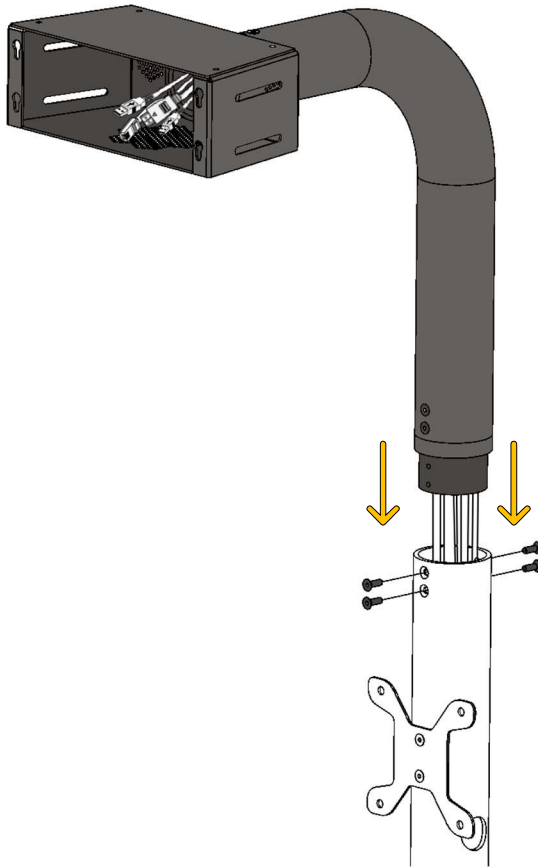
Figure 3.3

Step 3

Loosely screw in the bolts provided on the Measuring Unit. Pay attention that the bolts are not tight because the measuring unit will slide in the slot. Connect the cables coming out of the top column to the relevant connectors shown in Figure 3.4 on the measuring unit. Mount the measuring unit by inserting the bolts into the slots and slide the device down as shown in Figure 3.5. Then you have to use the screwdriver from Box 1 as shown Figure 3.6 to tighten the bolts.
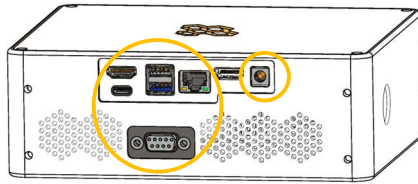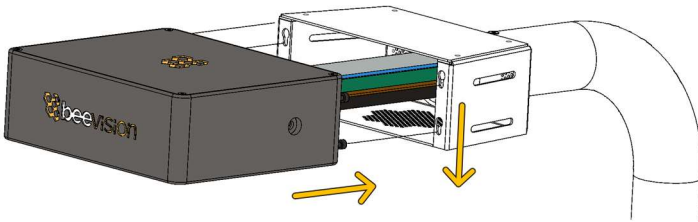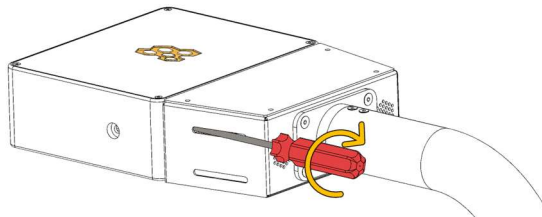

Figure 3.4

Figure 3.5

Figure 3.6

Step 4

Mount the monitor to the base column with the help of 4 bolts provided on the monitor as shown in Figure 3.7. After that, connect the monitor cables coming out of the holes on both sides of the base column to the monitor.
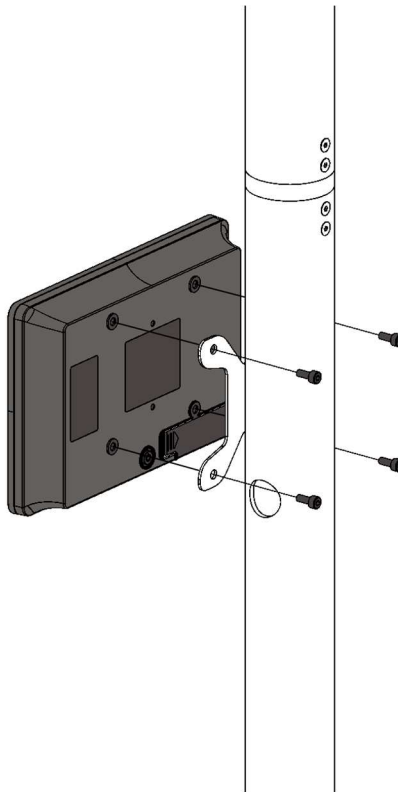

Figure 3.7

Step 5

To assemble the scale, use 2 bolts provided on the base plate as shown in Figure 3.8. Also, connect the RS-232 cable coming from inside of the scale to the port shown in the orange circle.
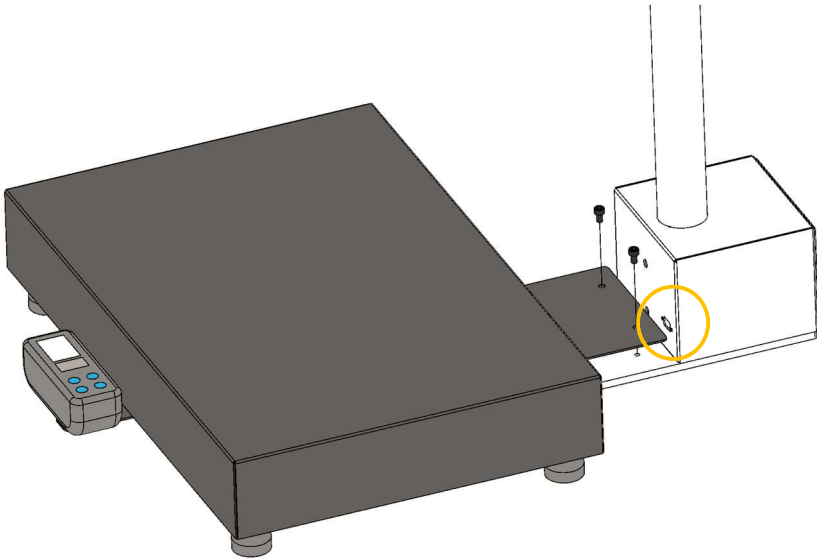

Figure 3.8

Step 6

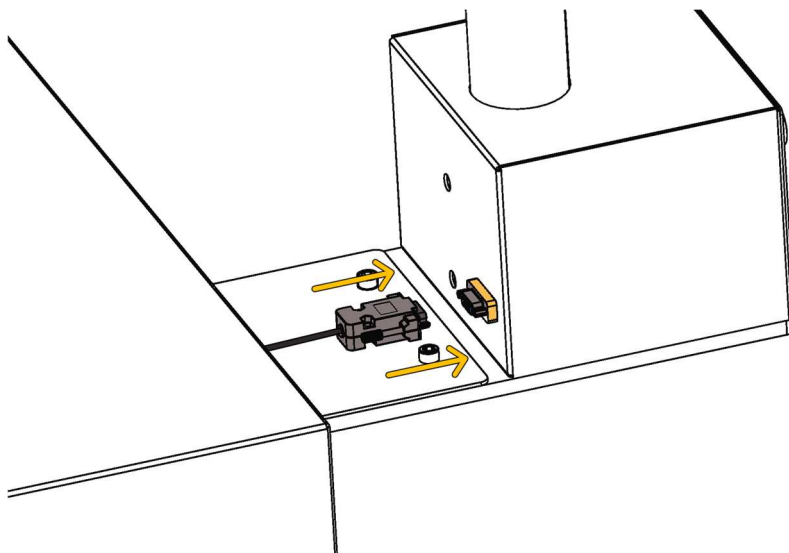Connect the RS-232 cable of the scale to the connector shown in the Figure 3.9.

Figure 3.9

Step 7

The power adapter and its cables are provided in Box-1. Connect the cables to the power adapter and connect the other end of the cable to the power input on the backside of the device shown in Figure 3.10.
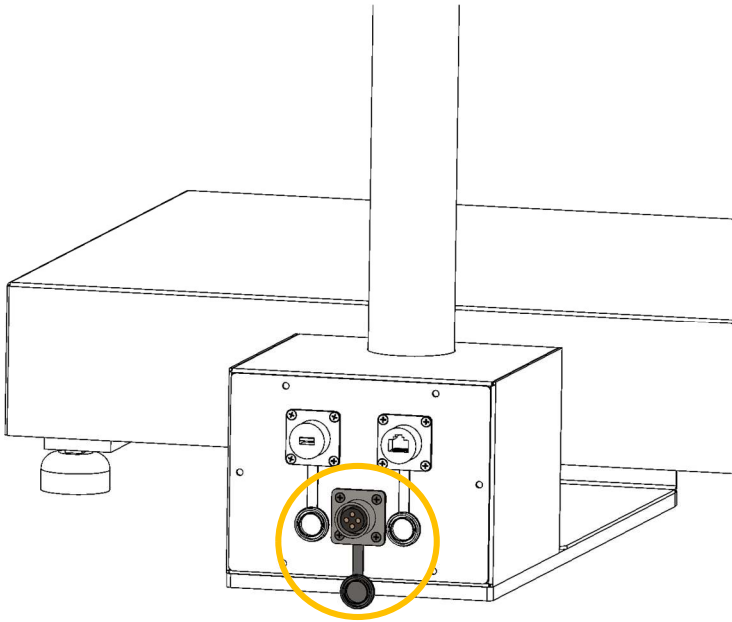

Figure 3.10

Step 8

To use the barcode reader, connect the USB cable of the barcode reader to the connector on the backside of the device shown in Figure 3.11.
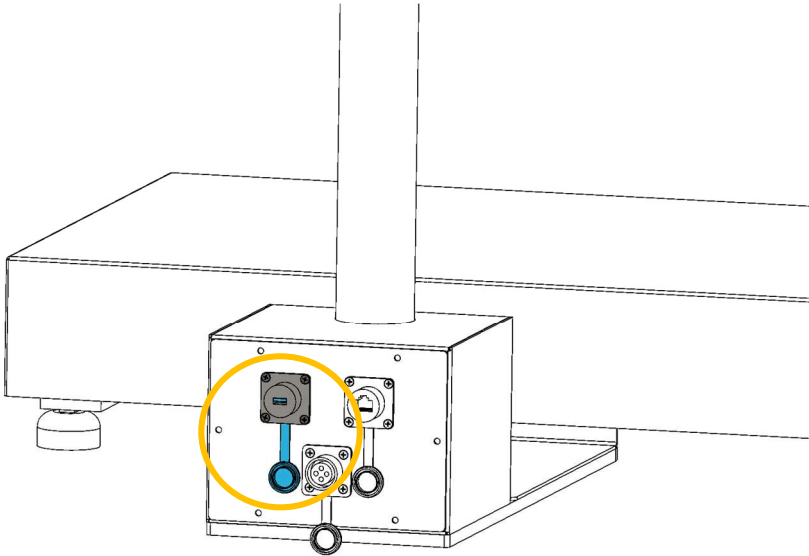

Figure 3.11

Step 9

You have completed the installation of BeeVision 182. Congrats!
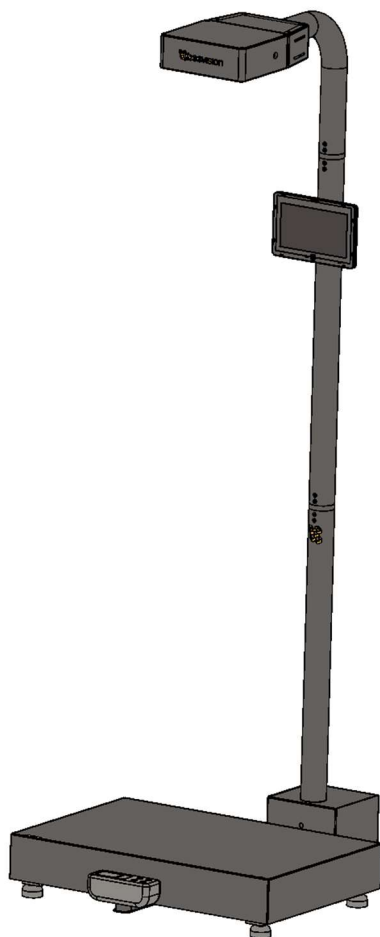

Figure 3.12

Thank you for joining our family!

For more information, please contact us.

Website: www.beevision.ai

Mail: info@beevision.ai

Phone :   +90 534 401 85 89

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