Package Contents

Screws and Screw Anchors are packaged under the 3D TM CNC-S.

Installation Requirements

- Wall Mounted Only
- Left Smooth Case Only
- Dual Scale Only (Dual Scale Left and Dual Scale Right are sold separately/individually and should be purchased through the US general or Pro Shop)

Compatibility

- Latest Windows 10 Home Edition, 64 bit Version (including Intel, Mac OS X, or Windows Tablet)
- Latest Windows Bluetooth 4.0 or above dongle/adapter
- Dual Scales: Available only on a 64 bit operating system (no 32 bit version available)
- Dual Scales: Requires Microsoft .NET 4.6 or above (available for free at www.microsoft.com)

Hardware Overview

LED	
Green	Factory default, waiting to be integrated.
Flashing Blue	Pairing mode.
Flashing Blue/Red	Pairing mode, but the mark is unclear. This usually means the product is not in a Firmware upgrade mode.
Red	Indicates the mark has been lost (check the Firmware upgrade mode).
Off	The is switch is set to off.
Quickly Flashing Red	Indicates the battery is low (or if the switch is set to off, indicates the battery is low and charging).
Slowly Red while Charging, Off when Fully Charged	Indicates the Scanner is on a powered dock (all the time, even though power will only actually charge when the switch is on).

Mounting Options

- Dual Scale Left can be mounted to the Left Wall.
- Smooth Plate and Wedge for Flush Mounting.
- Dual Scale Left can be mounted to the Left Wall and Dual Scale Right can be mounted to the Right Wall.

Installation

- Dual Scale Left requires a power cord and dock.
- Contact Tech Support specifically about an Embedded surface such as a cabinetry or a Wall Mounted Dual Scale Left.
- Dual Scale Left Wall Mount is attached to a stud or drywall.
- Dual Scale Left Wall Mount Screws are for a Wooden Stud or Drywall (Drywall Screws are not included, see Installation Requirements section for details).
- Dual Scale Left Wall Mount Screws are not for use on plaster or stucco.
- Note: When installing Dual Scale Left, it is important to make sure the Dual Scale Left Wall Mount is level and that the Dual Scale Left is installed correctly (see below).

Correct and Incorrect Dual Scale Left Installation

Prepare for the appropriate section for your installation:

Desktop

Left Smooth Case Dual Scale

Left Smooth Case Dual Scale

1.

2.

3.

4.

5.

Wall

1.

2.

3.

4.

5.

Ceiling (Optional Accessory)

Use the standard Ceiling Mount, Wedge Kit, and Wall Plate Mounting Kit to install the Dual Scale Left on a ceiling. Contact Tech Support for Ceiling Mount Screws if the Screws that ship with the Ceiling Mount are unavailable.

1.

2.

3.

4.

5.

Fan

- Note: Fans are not included in the 3D TM CNC-S product. It must be installed in the Left Smooth Case or another Dual Scale Product to run the Fan over the Dual Scale.

1.

2.

3.

4.

5.

6.

7.

8.

Connecting Power

Software Installation

Download and install the latest version of the CAD Creative software. Launch it and follow the instructions to install the Dual Scale. The latest version of the CAD Creative software can be downloaded at www.tech-man.com.

Note: Dual Scale requires the latest version of the CAD Creative software. Older versions will cause the Dual Scale to not work. Contact Tech Support if the software is not the latest version.

Welcome Screen

You can manage your software license and your connected Scanner using the CAD Creative Manager. Contact Tech Support if you need to change your software license, connect a different scanner, or have any other issues.

Mobile App Installation

Download and install the Dual Scale App from the available from the App Store (iOS) or Google Play (Android). Open the App and follow the instructions to install the Dual Scale App. Make sure the Bluetooth is turned on and the Dual Scale App has access to Bluetooth and location access. For security purposes, Bluetooth can not be used unless location access is enabled. Contact Tech Support if you have any issues with the App.

Specifications

Specification	
Dimensions	8.4W x 4.0D x 0.5H (in) (21.3W x 10.2D x 1.3H (cm))
Weight	0.5 LB (0.23 kg)
Power Consumption	1.5 W (0.15 mA)
Battery	Built-in
Battery Life	10 hours
Charge Time	Approx. 2 hours
Power Supply	5V, 500 mA
Max. Cable Length	3 ft. (1.0 m)
Operating Temperature	0 - 40 C
Max. Humidity	90%
Lux Range	0 - 2000
Lux Accuracy	± 10%
Lux Resolution	1 lux
Lux Response Time	200 ms
Lux Response Curve	Linear
Lux Response Angle	± 45
Lux Response Wavelength	400 - 700 nm
Wireless Security	128-bit encryption (AES)
	WPA2 Enterprise (AES)
	WPA2 Personal (AES)
Operating Temperature	0 C to 40 C (32 F to 104 F)
Operating Humidity	0 to 90% Noncondensing
Storage Temperature	-20 - 70 C

Safety Notices

Read, follow, and keep these instructions.

- Heed all warnings.
- Use only attachments/accessories specified by the manufacturer.

WARNING: Do not use this product in locations that can be submerged by water.

CAUTION: Unplug the product during lightning storms or when unused for long periods of time.

Electrical Safety Information

- Compliance is based on voltage and current, frequency, and power consumption specifications. Do not exceed the specifications. Contact Tech Support if you are not certain that the product specifications are appropriate for the intended use. Do not exceed the maximum ratings.
- Do not open the unit. There are no user serviceable parts inside. Opening the unit may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel. Contact Tech Support if the product does not function properly.
- Do not modify this product. Modifications can lead to unexpected hazards and voided warranty.
- The supplied power cord is intended for use with this product and should not be used with other equipment. Do not use the supplied power cord if it is not the correct type. Contact Tech Support if you are not certain that the supplied power cord is appropriate for the intended use.
- Route power cords so they are not likely to be walked on or pinched by something placed upon or against them. Pay particular attention to plugs, receptacles, and the point where they exit from the product.
- Unplug this product during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the product has been damaged in any way, such as power-supply cord or plug is damaged, liquid has spilled or objects have fallen into the product, the product has been exposed to rain or moisture, does not operate normally, or has been dropped.

Limited Warranty

LIFETIME LIMITED WARRANTY

Tech-Man, Inc. warrants that for the duration of a period, depending on all relevant terms, conditions, and factors, specified on www.tech-man.com, its products will be free from defects in materials and workmanship.

Compliance

FCC

Tech-Man, Inc. hereby declares that this device complies with the requirements stated in Federal Communications Commission (FCC) Rules and Regulations.

The device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

The equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Contact Tech Support for further information.

ISED Canada

Low-Power License-Exempt Radio Communication Devices (RSS-210):

- This device complies with Industry Canada's applicable licence-exempt RSS standard(s). Operation is subject to the following two conditions:
  - This device may not cause interference; and
  - This device must accept any interference, including interference that may cause undesired operation of the device.

Contact Tech Support for further information.

Exposition aux champs électromagnétiques (RSS-102):

- Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée par les deux conditions suivantes :
  - Le dispositif ne doit pas causer de brouillage radioélectrique; et
  - Le dispositif doit accepter tout brouillage radioélectrique, y compris un brouillage susceptible de provoquer un fonctionnement indésirable de l'appareil.

Contact Tech Support pour plus d'informations.

EU Declaration of Conformity

Simplified EU declaration of conformity:

- Tech-Man, Inc. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Full text EU declaration of conformity:

- The full text EU declaration of conformity is available at the following internet address: www.tech-man.com

Australia and New Zealand

- Tech-Man, Inc. declares that this product is in compliance with the essential requirements and other relevant provisions of the Radiocommunications (Electromagnetic Compatibility) Standard 2017.

Korea

- Note: This equipment is for other than critical life or safety uses. Contact Tech Support for information regarding Korean Radio Regulations (KCC).

CE Marking

- Tech-Man, Inc. declares that this product is in compliance with all relevant EU directives and regulations.

CE

Country of Origin

AT	BE	BG	CH	CY	CZ	DE	DK	EE	ES	FI	FR	GB	GR	HR	HU
IE	IS	IT	LI	LT	LU	LV	MT	NL	NO	PL	PT	RO	SE	SI	SK

- Note: This device meets Class 1B under EN55 Limits Class 1 for Canada and US.

- Note: Tech-Man, Inc. hereby declares that this product is in compliance with the essential requirements and other relevant provisions of the Directive 2011/65/EU.

- Note: Contact Tech-Man, Inc. hereby declares that this product is in compliance with the essential requirements and other relevant provisions of the Directive 2012/19/EU.

WEEE Compliance Statement

Declaration of Conformity

Online Resources

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