



# SPECTRA FOCUS DATA COLLECTOR MODEL 2 User Guide

[Home](#) » [Spectra](#) » SPECTRA FOCUS DATA COLLECTOR MODEL 2 User Guide 

## Contents

- 1 SPECTRA FOCUS DATA COLLECTOR MODEL 2
- 2 IN THE BOX
- 3 FOCUS DATA COLLECTOR MODEL 2 FEATURES
- 4 FOCUS DATA COLLECTOR MODEL 2 SPECIFICATION
- 5 DOCKING STATION MODEL 2 FEATURES
- 6 DOCKING STATION MODEL 2 SPECIFICATION
- 7 TETHERING THE STYLUS
- 8 POWER SUPPLY
- 9 OPERATION OF THE FOCUS DATA COLLECTOR MODEL 2
- 10 CONNECTING THE DOCKING STATION MODEL 2
- 11 REGULATORY INFORMATION
- 12 SPECIFIC ABSORPTION RATE (SAR) SIMULTANEOUS TRANSMISSION
- 13 NOTICE TO OUR EUROPEAN CUSTOMERS
- 14 USA
  - 14.1 Responsible Party
- 15 FCC Compliance Statement
  - 15.1 CANADA
- 16 Documents / Resources
- 17 Related Posts



**SPECTRA FOCUS DATA COLLECTOR MODEL 2**



The Spectra Geospatial® FOCUS® data collector model 2 is an attachable controller designed to run field software for surveying.



For enhanced security, it is recommended that you set a PIN, Password or Pattern on the device before field use. The FOCUS data collector model 2 can be attached to a Spectra Geospatial FOCUS 50 total station, or it can be used with a Robotic Holder Model 2 or Docking Station Model 2.



## IN THE BOX



1. FOCUS data collector model 2, including a screen protector
2. Docking Station Model 2
3. Stylus with tether cord and extra tip
4. Power supply
5. Declaration of Conformity
6. Warranty Activation Card

- 7. Quick Start Guide/Regulatory Information Document
- 8. Hirose-to-USB (PC) cable
- 9. Hirose-to-USB stick cable

**FOCUS DATA COLLECTOR MODEL 2 FEATURES**



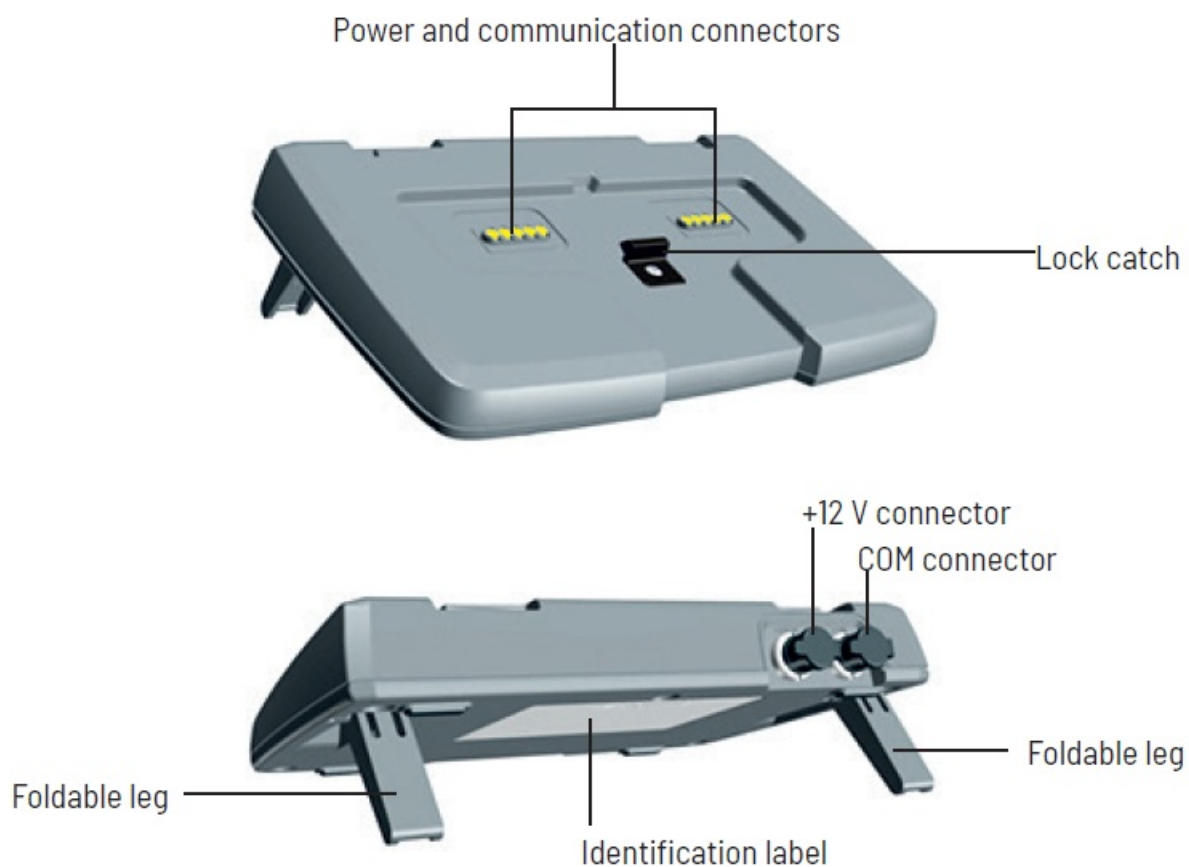
**FOCUS DATA COLLECTOR MODEL 2 SPECIFICATION**

Power rating	
Power input	12 V DC, <5 W

Environmental specification	
IP Classification/dust and waterproofing	IP 65
Operating temperature range	-20 °C to +50 °C (-4 °F to +122 °F)
Humidity	95%, non-condensing

For further specifications, refer to the FOCUS data collector model 2 data sheet available from [www.spectrageospatial.com](http://www.spectrageospatial.com).

## DOCKING STATION MODEL 2 FEATURES



## DOCKING STATION MODEL 2 SPECIFICATION

Power rating	
Power input	12 V DC, <5 W

## TETHERING THE STYLUS



## POWER SUPPLY

**CAUTION:** The power supply for the FOCUS data collector model 2 (Docking Station Model 2) is intended for indoor use only and shall not be exposed to moisture or liquids.

## OPERATION OF THE FOCUS DATA COLLECTOR MODEL 2

To operate the FOCUS data collector model 2 it must be attached to a FOCUS 50 total station, a Docking Station Model 2, or to a Robotic Holder Model 2 for power supply.

**CAUTION:** If the equipment is used in a manner not specified by Spectra Geospatial, the protection provided by the equipment may be impaired.

## ATTACHING TO THE DOCKING STATION MODEL 2



1. Hook the catches in place on the Docking Station Model 2.
2. Push towards the Docking Station Model 2 until it locks in place.

#### **REMOVING FROM THE DOCKING STATION MODEL 2**

1. Push the lock release to unlock from the Docking Station Model 2.
2. Remove from the Docking Station Model 2.

#### **CONNECTING THE DOCKING STATION MODEL 2**



To the computer via the Hirose-to-USB cable or to the memory stick via the Hirose-to-USB stick cable.

#### **POWER ON/OFF**



- Press the power key to start the FOCUS data collector model 2. To shut down the FOCUS data collector model 2, press and hold the power key. Select Power off from the menu.

## REGULATORY INFORMATION

### INFORMATION ABOUT INCLUDED RADIO MODULES

The FOCUS data collector model 2 contains a Bluetooth® wireless technology radio and Wi-Fi module.

SX-SDMAC-2830S	Frequency band	Output power
Bluetooth 2.4 GHz	2400 MHz-2483.5 MHz	< 4 dBm eirp
Wi-Fi 2.4 GHz	2400-2483.5 MHz	< 20 dBm eirp
Wi-Fi 5.0 GHz	5150-5350 MHz, 5470-5725 MHz	< 14 dBm eirp

### SPECIFIC ABSORPTION RATE (SAR) SIMULTANEOUS TRANSMISSION

- SAR10g(W/kg) in Body-Worn Configuration: 1.44
- SAR10g(W/kg) in Limb Configuration: 1.44

### NOTICE TO OUR EUROPEAN CUSTOMERS

- For product recycling instructions, please go to: [www.spectrageospatial.com/weee-and-rohs/](http://www.spectrageospatial.com/weee-and-rohs/)

## USA

### Supplier's Declaration of Conformity

- 47 CFR § 2.1077 Compliance Information

### Unique Identifier



- Spectra Geospatial FOCUS data collector model 2 Trimble Docking Station Model 2

#### **Responsible Party**

- **ADDRESS:** Spectra Geospatial 10368 Westmoor Drive Westminster CO 80021 USA
- [www.spectrageospatial.com](http://www.spectrageospatial.com)

#### **FCC Compliance Statement**

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

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

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and the receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**CAUTION:** Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

#### **CANADA**

This Class B digital apparatus complies with Canadian ICES-003. This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

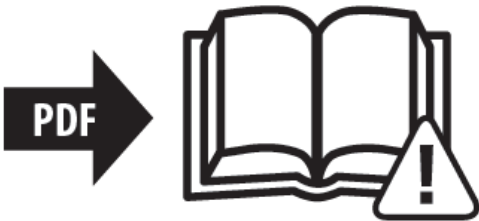
#### **SAFETY INFORMATION**

Before using the FOCUS data collector model 2, Docking Station Model 2, and power supply, make sure that you have read and understood this document, as well as all equipment and job site safety requirements.

#### **ADDITIONAL INFORMATION**

The original document is written in English. All documents in other languages are translations from the original


**CAUTION:** Please read the full user guide including all safety warnings, before operating this product.



© 2022, Trimble Inc. All rights reserved. Spectra Geospatial is a division of Trimble Inc. FOCUS, Spectra Geospatial, and Trimble are registered trademarks of Trimble Inc. or its subsidiaries. The Bluetooth word mark and logos are owned by Bluetooth SIG, Inc. and any use of such marks by Trimble Inc. is under license All other trademarks are the property of their respective owners. P/N 57127052-ENG, Revision B, August 2022.

- **ADDRESS:** Spectra Geospatial 10368 Westmoor Drive Westminster CO 80021 USA
- [www.spectrageospatial.com](http://www.spectrageospatial.com)

**Documents / Resources**

	<p><b><a href="#">SPECTRA FOCUS DATA COLLECTOR MODEL 2</a></b> [pdf] User Guide</p> <p>FOCUS DATA COLLECTOR MODEL 2, FOCUS, DATA COLLECTOR MODEL 2, DATA COLLECTOR, MODEL 2 Fous, FOCUS DATA MODEL 2, DATA MODEL 2, FOCUS MODEL 2 DATA</p>
--	--