

RedySmart® Series

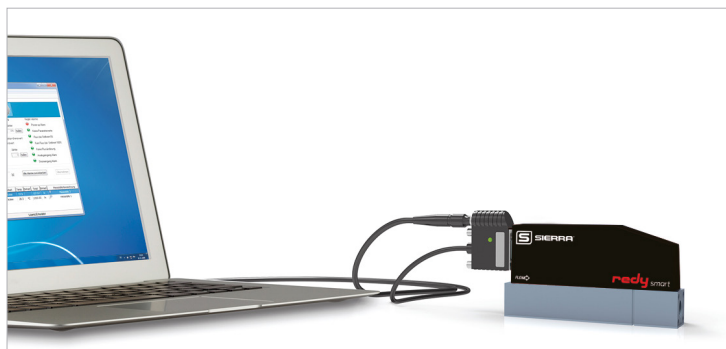
Smart Interface Portal (SIP) USB-Dongle

This document describes the installation process for the **RedySmart USB-Dongle** for use to expand the functionality of our free-flow device configuration and management software. Before plugging in the USB-Dongle, follow the instructions below.

Download Instruction Manual

To get technical information, download the RedySmart Series Instruction Manual at sierrainstruments.com/redysmart-manual

IMPORTANT! If you do not have an internet connection, you must download the software to a USB stick or other storage device. You can download the RedySmart SIP Software at [RedySmart® Downloads and Documentation](#).



Safety and General Information

For safe operation, please consider the process and ambient conditions for which the device is designed and specified at the time of delivery. This information can be found on the data label on the instrument housing and in the Instruction Manual.

Installation



WARNING RedySmart Smart Interface Portal (SIP) version 5.7.1.1 or higher must be installed to use the USB Dongle.

To install your USB-dongle, plug the USB dongle into a free USB slot on your PC **before** starting the RedySmart SIP Software. This will activate the optional functionalities/ modules in the SIP software.

System Requirements

The RedySmart Smart Interface Portal (SIP) software runs under Windows 7 & 10. For required hardware, please refer to the software instruction manual at sierrainstruments.com/redysmart-manual.

Feature Overview

Function	RedySmart Version:		
	Basic	Logging, Mixing & Calibration Module ¹	Calibration & Adjustment Module ^{1/6}
Display device information such as reading, temperature, valve voltage	✓	✓	✓
Totalizer	✓	✓	✓
Specify setpoint & adjust control speed ²	✓	✓	✓
Assign device name	✓	✓	✓
Switch units of measurement	✓	✓	✓
Visualize & adjust PID parameters / Graphic tool	✓	✓	✓
Operating state monitoring	✓	✓	✓
Zoom function ³	✓	✓	✓
Switch analog signals	✓	✓	✓

Feature Overview continued

Reset totalizer	✓	✓	✓
Save device data	✓	✓	✓
Restore device data	5	5	✓
Update device firmware	✓	✓	✓
Setpoint delay	✓	✓	✓
Pressure power-up setpoint	✓	✓	✓
Adjust display filter		✓	✓
Set dynamic range		✓	✓
Set full scale of measurement range		✓	✓
Log measurement data		✓	✓
CSV export of logged measurement data		✓	✓
Gas mixing		✓	
Verify calibration		✓	✓
Manual adjustment			✓
Automatic adjustment ⁴			✓

¹Requires a USB dongle. Multiple modules may be combined on one USB dongle.


²Only flow and pressure controllers

³Magnifies screen display of momentary flow rate for all connected instruments


⁴Requires a Redysmart reference device

⁵Must be released by the manufacturer if < SN160.000 (smart version 6)

⁶Offer and sale of adjustment functionality at the sole discretion of the manufacturer. The manufacturer reserves the right to refrain from offering or selling of this feature.

 **NOTE:** On request, other options may be enabled or added (e.g. for OEM applications). Please contact your sales representative for more information.



 **NOTE:** Please dispose of the device in an environmentally friendly way (recycle).

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