

Datasheet

SensMax Wi-Fi LR Data Collector

SensMax Wi-Fi SLR Data Collector

SensMax Wi-Fi LR TS Data Collector

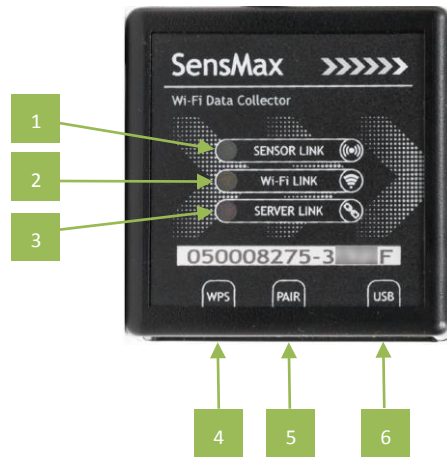
SensMax Wi-Fi SLR TS Data Collector



Description of SensMax Wi-Fi Data Collector

SensMax Wi-Fi data collector designed to read the data from SensMax people counting and customer survey sensors. Data collection performed automatically using radio channel. The data collector forwards information from the sensors to SensMax Data Server using Wi-Fi connection to the Internet.

Description of light indicators



Icon	Status	Description
SENSOR LINK	Lights Flashes	The connection with a sensor is established Search for a new sensor
Wi-Fi LINK	Lights Flashes	The connection with Wi-Fi Router is established WPS mode activated
SERVER LINK	Lights	The connection with a server is established
WPS button	Short Press	Start WPS process
PAIRING button	Short Press Press and hold 10 sec Press and hold 30 sec	Start pairing with sensors Remove all paired sensors Apply Factory Reset
USB mini port	n/a	Power and diagnostic connector

WPS function

The WPS function provides easy and secure way to connect the collector to existing Wi-Fi network. The WPS function should be supported by your internet router.

To activate the WPS function, please press the hardware WPS button on the collector. The Wi-Fi Link LED will flash to indicate that WPS mode activated. Now you have 20 seconds to press the WPS button on your internet router.

Attaching sensors to the data collector

Each sensor must be attached to its collector.

Following steps must be performed to attach sensors to the collector:

- Insert the batteries in the sensor
- Connect the collector to the power supply/ USB
- Press the pairing button in the collector
- Press the pairing button is located inside the sensor's enclosure

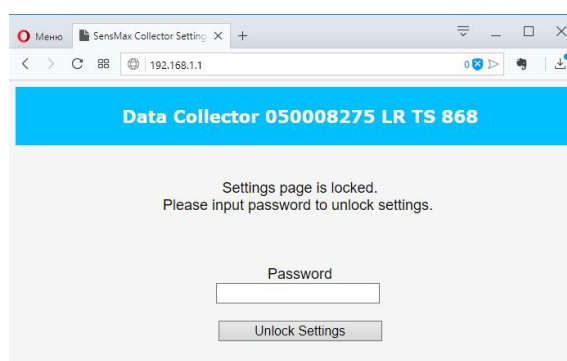
Note: the alternative way how to pair new sensor with data collector it is using of settings web page (this method will be described below in "Settings web page" section).

Configuration of the collector SensMax Wi-Fi using web page

All configurations are available on the collector settings web page.

To access settings web page, please do following steps:

- Connect device to power supply.
- Scan for available Wi-Fi networks on your Laptop or Mobil Phone.
- Connect to Collector AP (AP name is "Collector XXXXXXXXX").
The default password is the same as collector Serial Number.
For example, in this document the Collector AP will be **Collector 050008275**, and password is **050008275**
- Open your web browser.
- Input IP address 192.168.1.1 to address bar and press Enter.
- The login page will be opened. To unlock settings, please enter your password again (for this example, password is 050008275).



Web page settings

All settings will be applied after you press the **Save settings** button.

Wi-Fi settings

To connect to a new Wi-Fi network, please press the **Scan networks** button. After a few seconds, all found networks will be displayed in SSID list. Please choose the correct Wi-Fi network and enter the password.

Server settings

If **Use my.sensmax.eu** setting used the data collector will be configured for SensMax server. If you use own server, please input server IP and port manually.

Network settings

If **Use DHCP** selected, all network settings will be obtained from internet router automatically (the DHCP should be enabled in your internet router). Or you can input all network settings manually.

More settings

PASSWORD: Here you can change password which used both for collector AP and settings page. It is recommended to change password if you using default password.

Disable collector AP: if this setting selected you can not connect to the device directly using connection to collector AP. But if data collector already connected to your network you will be able login to the settings web page from any PC inside this network. To do this you will need to enter the data collector IP address in any internet browser.

Status

Actual device settings are displayed here.

Add new sensor

You can pair a new sensor with the collector by entering the sensor serial number and security code (both printed on sensor case).

Note: the alternative way how to pair the new sensor with data collector it is using of hardware buttons (this method described in "Attaching sensors to the data collector" section).

Connected sensors

All connected sensors are displayed here.

Remove selected

If you need to remove connected sensors from the collector, please select the desired sensors in list above and press the **Remove selected** button.

Technical specification SensMax Wi-Fi LR Data Collector

Description	SensMax Wi-Fi LR Data Collector
Communication distance to sensors	150-250m
Wi-Fi connection	2.4 GHz/WPA2-PSK
Data protocol	24 hour array / 1 hour step in reports
Data memory	250 days
Working frequency	868 MHz
Power supply	5V external power supply
Dimensions	66x56x28mm
Supported sensors	SensMax S1 LR people counting sensor x 60pcs SensMax D3 LR people counting sensor x 30pcs SensMax L3 LR Loyalty Button x 30 pcs

Technical specification SensMax Wi-Fi SLR Data Collector

Description	SensMax Wi-Fi SLR Data Collector
Communication distance to sensors	up to 1000m
Wi-Fi connection	2.4 GHz/WPA2-PSK
Data protocol	24 hour array / 1 hour step in reports
Data memory	250 days
Working frequency	868 MHz
Power supply	5V external power supply
Dimensions	66x56x28mm
Supported sensors	SensMax S1 SLR people counting sensor x 60pcs SensMax D3 SLR people counting sensor x 30pcs SensMax L3 SLR Loyalty Button x 30 pcs

Technical specification SensMax Wi-Fi LR TS Data Collector

Description	SensMax Wi-Fi LR TS Data Collector
Communication distance to sensors	150-250m
Wi-Fi connection	2.4 GHz/WPA2-PSK
Data protocol	Real-time / 5 minutes step in reports
Data memory	2000 timestamp records
Working frequency	868/915 MHz depending on country
Power supply	5V external power supply
Dimensions	66x56x28mm
Supported sensors	SensMax S1 LR TS people counting sensor x 30pcs SensMax D3 LR TS people counting sensor x 30pcs SensMax L3 LR TS Loyalty Button x 30 pcs

Technical specification SensMax Wi-Fi SLR TS Data Collector

Description	SensMax Wi-Fi SLR TS Data Collector
Communication distance to sensors	up to 1000m
Wi-Fi connection	2.4 GHz/WPA2-PSK
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