



**SmartMonitor
SHIP S
User Guide**

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Document Purpose

This document provides detailed information about SmartMonitor SHIPS device.

Overview

Quick Setup – Monitoring for Shipment

SmartMonitor SHIP S device can be used as **standalone device** (scenario 1) or with **BLE intercommunication** (Bluetooth) (scenario 2).

The following flows are possible to operate your device:

Scenario 1: SmartMonitor SHIP S as a standalone device

Configure your device
Start monitoring
Place your device
Stop monitoring

Scenario 2: SmartMonitor SHIP S with BLE intercommunication

When using SmartMonitor SHIP S in combination with a gateway device (SmartMonitor SHIP L or SmartMonitor SHIP M)

Start your gateway device
Start monitoring
Place your device
Stop monitoring

Contact Sensitech Support for additional support.

Disclaimer: Smart Monitor provides a summary report on temperature measurements, which can be downloaded from its USB drive. The report reflects configuration changes until the indicated cloud synchronization time. The report does not include authenticity watermarks. As it is not possible to guarantee data integrity and authenticity of such reports, please note that any liability regarding such reports is excluded to the extent possible under the applicable law. Such reports may not be used as a basis for decision-making. For authenticated and conclusive data, please refer to SmartView, which is a cloud solution for which data integrity and authenticity is guaranteed.

Device Application Information

- Intended use
- Battery information & use
- Air freight
- Communication & Geographical Positioning
- Device cleaning
- Device handling warnings

Intended Use

SmartMonitor is designed for the monitoring of temperature-sensitive pharmaceutical goods in storage and/or transport. The device collects temperature data and gives the opportunity to manually upload the data to Sensitech compatible cloud solution SmartView. Additionally, SmartMonitor SHIP S is able to communicate with SmartMonitor SHIP M and SmartMonitor SHIP L via BLE intercommunication (as a gateway device) and automatically upload the data to SmartView for immediate decision-making on product integrity.

The information is applicable for SmartMonitor SHIP S. Read the technical specifications for detailed information on the product.

SmartMonitor SHIP S



Modular real-time device for shipments. Slim featured and single use.

- Slim featured: temperature monitoring.
- Real-time temperature monitoring: via gateway device (SmartMonitor SHIP L or SHIP M) and Bluetooth interaction.
- Manual read out: upload the data manually to SmartView via USB.
- Single use: more information on device disposal is in the [Disposal](#) section.

Battery Information & Use

Battery shelf life:

Before first usage: Period from device delivery to customer (on stock), to first start of the device. Within the battery shelf life period, the device battery run time is ensured according to the [technical specification](#), if stored within the specified storage temperature (device off).

Battery expiry	SmartMonitor SHIP S: once the battery shelf life has been exceeded, the battery has expired. The battery expiry date is printed on the front of the device. If the battery is expired, the device cannot be started. Information on recycling can be found in the Disposal section.
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Battery run time:

Time between start of the device until depletion of the battery.

The actual duration of operation varies based on environmental conditions like temperature and the type of communication technology used.

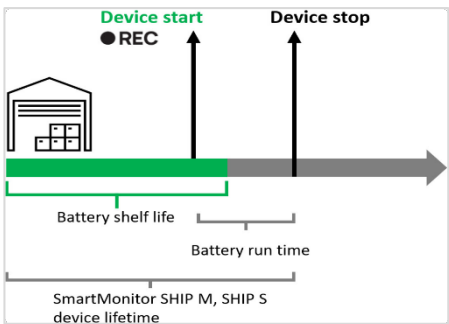
A comparison from the consumer environment:

Impact of temperature: if a mobile phone is exposed to very hot or very cold temperatures, it drains the battery quickly.

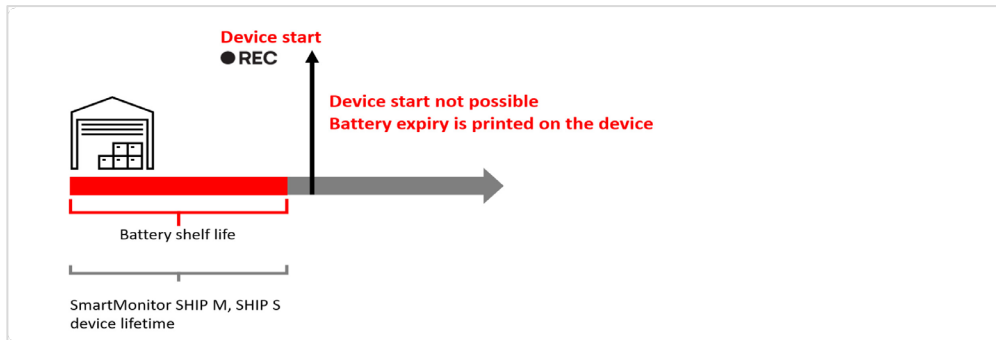
Impact of connectivity: if a mobile phone is connected via Bluetooth with other devices and exchanges data, it can have an impact on the battery.

Examples Of Battery Shelf Life and Battery Run Time

The device start is within the battery shelf life:



The device start is not within the battery shelf life:



If the device is not started within battery shelf life, the battery expires. The device can no longer be started. Devices can be returned to Sensitech for disposal.

Please find defined battery shelf life and battery run time per SmartMonitor device model in the technical specification.

Air Freight

In order to use SmartMonitor devices for product monitoring in air freight (device on), SmartMonitor device must be approved by the respective airline. Before using SmartMonitor on a shipment, please check the airline approval list on the SmartSystem user support page.

If the airline you would like to use has not yet approved of SmartMonitor, please contact Sensitech.

Airlines may require SmartMonitor or batteries to be declared on the AWB (Airway Bill).

Disclaimer: Sensitech is not liable for approval to use SmartMonitor on board of your selected carrier and the correct declaration of SmartMonitor.

Find the battery specifications per SmartMonitor device type in the technical specification. Contact your airline to support the correct declaration.

Communication

Using Smartmonitor SHIP S As a Standalone

Download the device configuration via USB before starting the device.

After stopping the device, the data must be uploaded to SmartView via the built-in USB plug.

Using Smartmonitor SHIP S In Combination with a Gateway Device

The device configuration and data are synchronized to the cloud via a Bluetooth gateway device (e.g., a SmartMonitor SHIP L).

In order not to falsify temperature measurements, communication is limited to certain intervals set in SmartView.

Device Cleaning

Important: The device must not be exposed to volatile chemicals, including solvents or other organic compounds. In particular, it is essential to avoid high concentrations and prolonged exposure. Compounds such as ketenes, acetone, ethanol, isopropyl alcohol, and toluene are known to cause deviations in humidity measurements.

Device Handling Warnings

Important: The configuration can be changed in SmartView while SmartMonitor device is running and may not yet have been delivered to the device. This may impact on the alarm status displayed on the device.

Air Pressure	Excess pressure or vacuum can damage the device.
Attention	SmartMonitor measures the ambient temperature and not the quality of the monitored goods. Its purpose is to signal if product quality evaluation is required.
Battery	<ul style="list-style-type: none"> • The battery cannot be removed or replaced. Check the technical specification for detailed battery information. Contact Sensitech support at sensitech.support@carrier.com for refurbishment options. • Risk of fire or explosion if the battery is replaced by an incorrect type. • Risk of explosion if the battery is disposed of in a fire or hot oven. • Leaving the battery in an extremely high temperature surrounding environment can result in an explosion or leakage. • Do not subject battery to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas. • Instructions required by IEC 62368-1 regarding coin cells.
Compatibility	SmartMonitor device only works in combination with the SmartView software (version 6.0 or higher).
Damage	If SmartMonitor device is damaged, don't use it and contact Sensitech support for refurbishment options.
General	Ensure that the user manual instructions are followed before using SmartMonitor for monitoring. Without proper starting, the measurements will not be available.
Ingress Protection	IP65: Protect from dust ingress and water spray from any direction.

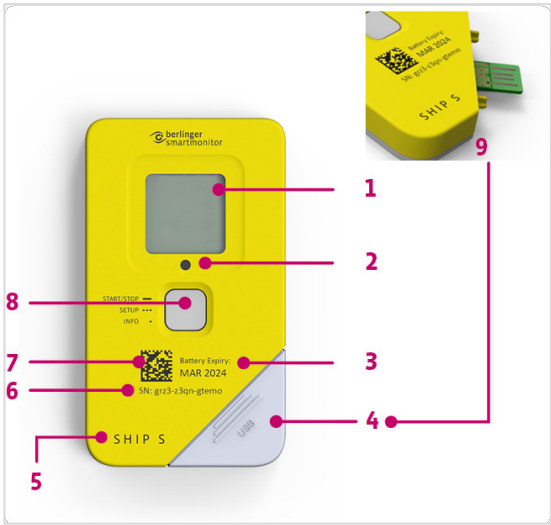
Liability	<p>The manufacturer shall not be held liable.</p> <ul style="list-style-type: none"> • if the device was used beyond the manufacturer's given limitations. • for any claims due to improper storage or use of the device. • for any problems with the temperature-controlling and/or -cooling unit. • for the quality of any monitored goods. • for incorrect readings if the device was used beyond its expiry date.
Mechanical force	Avoid violent shocks and impacts.
Microwave	Do not expose the device to microwave radiation (risk of battery explosion).
Multifunctional button	Do not apply force as it will damage the button.
Recycling	Recycle the product at the end of its lifetime according to local regulations.
Safety	<ul style="list-style-type: none"> • Keep away from children. • Don't open it. • Sensitech recommends training of all persons that handle SmartMonitor device and/or SmartView.
USB plug	<ul style="list-style-type: none"> • The USB plug is a sensitive part of the device. • If you are not using the USB plug, keep it covered to protect from water, dust, etc. • For manual read out, remove the USB cap and connect the plug to your computer. • Do not apply force as it will damage the connector.
Temperature	Temperatures outside the device operating temperature range may damage the device and/or reduce its performance. To learn about the device operating temperature range for each SmartMonitor type, see the information in the technical specification.
X-rays/ Röntgen	Avoid long-term exposure to X-rays/Röntgen (risk of damaging the device).

Subject to change. Please note that all information in this document is correct at the time of publication. Due to our policy of continuous product development, we reserve the right to change this information without prior notice.

On the back of SmartMonitor device is a QR-code, which links SmartMonitor User Guide. For additional support, contact Sensitech support at sensitech.support@carrier.com.

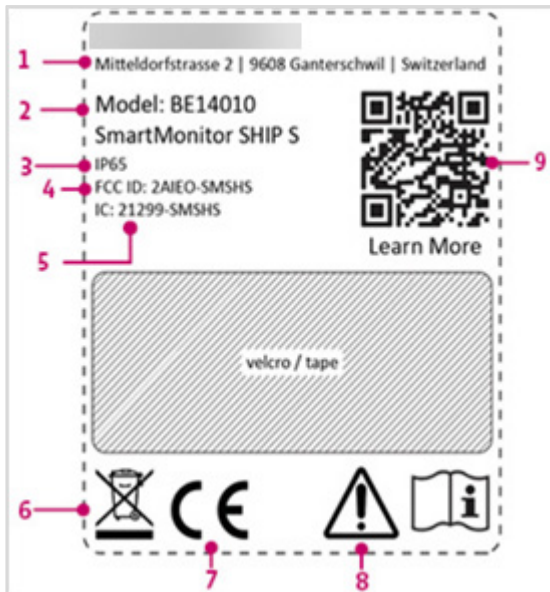
Device & Display Information

Device



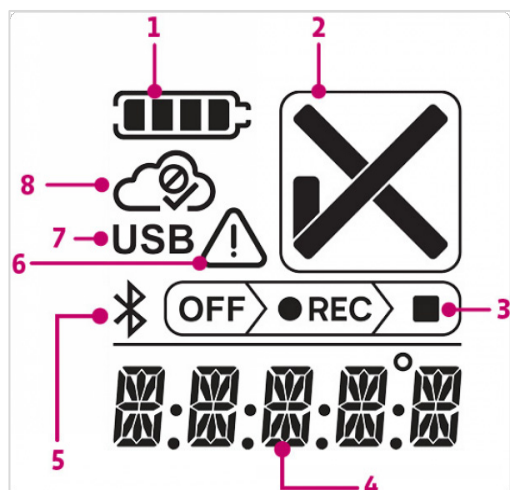
No.	Name	Description
1	Display	Multi-information display
2	Light sensor	Monitors light events
3	Expiry date	Indication for battery expiry
4	Removeable cap	Remove for use of USB
5	Device type	SmartMonitor model
6	Serial number	Uniquely identifiable number of the device
7	Barcode	Contains the serial number for read out with barcode scanner
8	Multifunctional button	Button for device interaction. Check the following chapters to get detailed information on user interaction
9	USB	USB-plug that can be connected with computer

Backside label of the device:



No.	Name	Description
1	Contact	Sensitech support
2	Model	Model under which SmartMonitor is registered with approval authorities
3	IP65	Protected from dust ingress. Protected from water spray from any direction
4	FCC ID	Unique identifier assigned to the device registered with the United States Federal Communications Commission
5	IC	Unique identifier assigned to the device registered with Industry Canada
6	Waste electrical	Do not put in general waste. Contact Sensitech for recycling and refurbishment services. More information in the Disposal section.
7	CE (conformité européenne)	Means that SmartMonitor meets the European health, safety and environmental protection standards
8	General warning	See warnings in chapter Warnings .
9	"Learn more" QR code	More information about SmartMonitor by scanning the QR code

Display





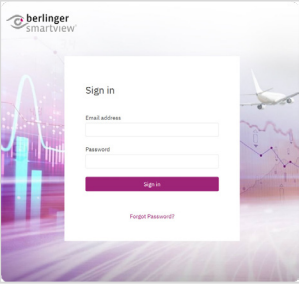
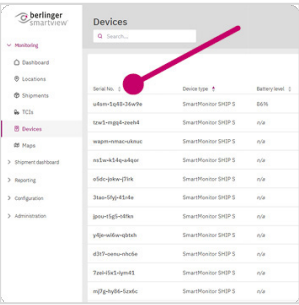
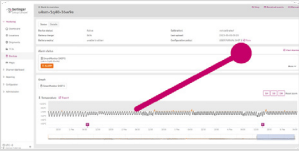
No.	Name	Description
1	Battery status	Indicates the battery status
2	Alarm status	<ul style="list-style-type: none"> ✓ indicates that there is no temperature alarm violation on the device ✗ indicates that there is one or more temperature alarm violation on the device
3	Measurement status	<p>OFF SmartMonitor is ready to start – The device is not measuring yet</p> <p>● REC SmartMonitor is measuring</p> <p>■ SmartMonitor has stopped</p>
4	5-digit text field	<p>Static or scrolling text to support user</p> <p>On home screen, the text field displays the current temperature On single button interaction, additional info is displayed</p>
5	Bluetooth	<p>Indication if Bluetooth is enabled</p> <p>En-/disable in the SmartView configuration</p>
6	USB	Indicates option of manual configuration upload or data readout
7	Warning symbol	Warning that device needs attention


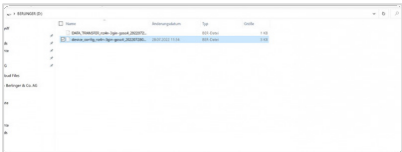


SmartMonitor SHIP S as standalone device

How To Configure Your Device

To configure SmartMonitor device with the desired configuration (see user manual SmartView for instructions), wake up the device from sleep mode with a short press of the multifunction button.

Manual configuration

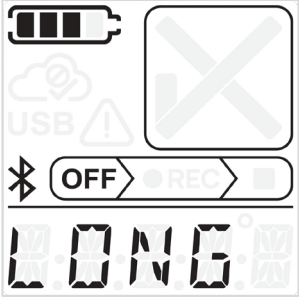
Step	Screen	Description
1		Remove the USB cap and plug SmartMonitor SHIP S into the USB port of your computer.
2		When connecting SmartMonitor to your computer, a pop-up window of SmartMonitor will appear. If the pop-up window does not appear, locate the USB-Drive on your computer and open it.
3		Log into SmartView with your credentials. In SmartView, navigate to "Devices" under the section "Monitoring". In the search function, type in the serial number of the device that you would like to configure. ! The serial number is printed on the front of SmartMonitor.
4		Click on the serial number to open the device page.
5		Click the "More" button under "Status" next to the configuration policy.

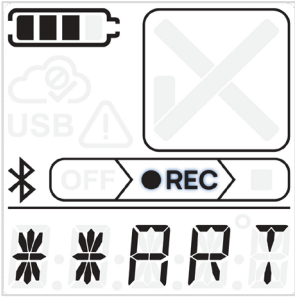
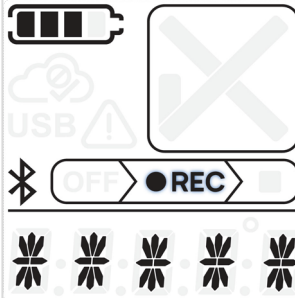
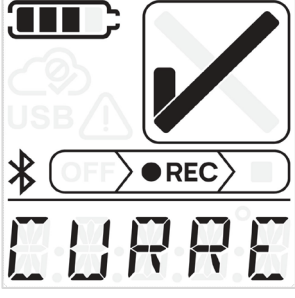
6		Select "Download". Once the configuration policy file has been downloaded successfully to your computer, it can be found in the Download folder.
7		Save the device configuration file in the USB Drive.
8		Disconnect SmartMonitor from your computer.
9		To check if the download has been successfully completed, short press the multifunction button. The scroll text should display the correct configuration name. The device is now ready to be started. ! If the download was unsuccessful, SmartMonitor display will show an incorrect configuration name e.g., CONFIG NAME DEFAULT.

How To Start Monitoring

To start monitoring, press and hold the multifunctional button

To start monitoring, press and hold the multifunctional button for longer than 3 seconds until the letters are replaced with stars ("*****").

Nr.	Screen	Description
1		Upon device interaction, the device will indicate to the user that long-press of the multifunctional button is required for start. If long-press is released too early, during the start process, the screen will be displayed.

2		Upon long-press device interaction, the start screen will be loaded.
3		Hold the button until the letters are replaced with stars ("*****") from left to right.
4		If no start delay is configured, in case of a successful start, record sign (●REC) will be on and tick* (✓) will be displayed. The 5-digit text field will display the temperature.

Start delay

If a start delay is configured, the device starts with alarming only after start delay countdown. The remaining countdown is indicated on the display in days:hours:minutes format (if >24h: DDdHH, if <24h: HH:MM).

Smartmonitor Start Prevention

If SmartMonitor displays **"DO:SETUP"** on the screen, a start prevention is defined in SmartView and a manual device configuration is required.

When the function is enabled, SmartMonitor cannot be started by pushing the multifunctional button as it is preventing the start of SmartMonitor until assigning and downloading of another, startable configuration policy in SmartView.

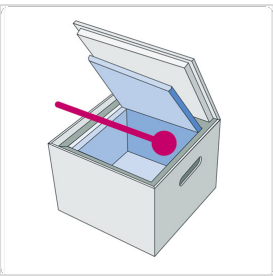

Check here for [Warnings](#) on device start.

* The tick can be hidden by disabling the alarm status function in the configuration policy in SmartView. In this case, the field remains empty.

How To Place Your Device

As the device needs some time to acclimatize, setting up a start delay in SmartView during configuration is recommended.

How to place SmartMonitor:

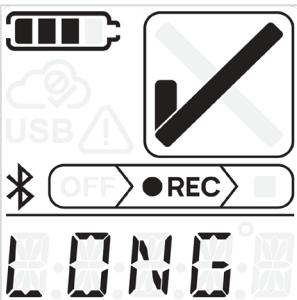
Step	Picture	Description
1		Place the device inside the temperature-controlled box/container.
2		Use the designated area for the Velcro tape on the back of SmartMonitor to place the device securely.

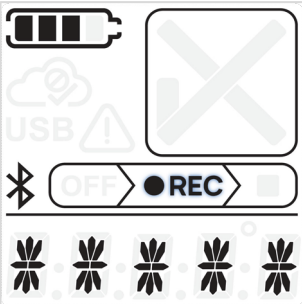
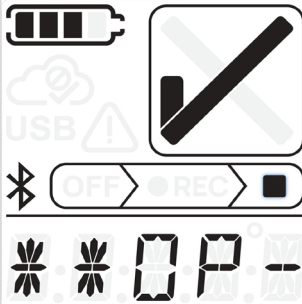
Start SmartMonitor before closing the box.

Next step: start your device.

How To Stop Your Device


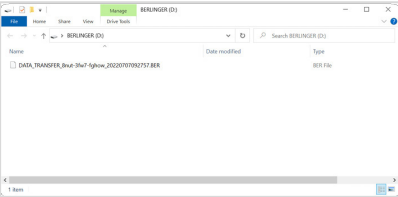
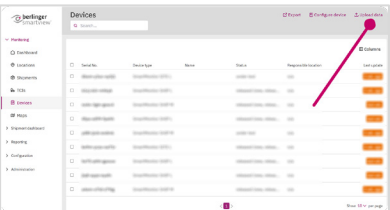
To stop the device, long-press the multifunctional button.

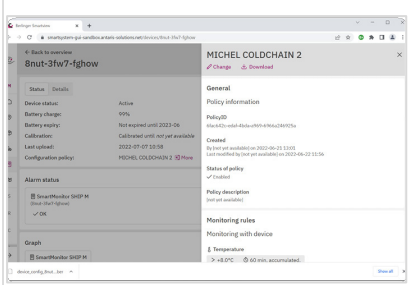
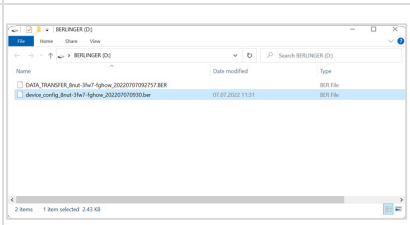
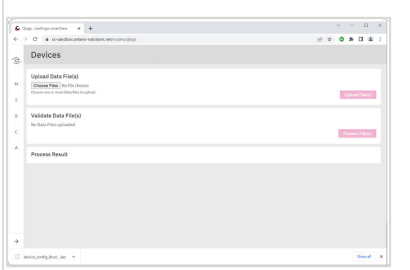
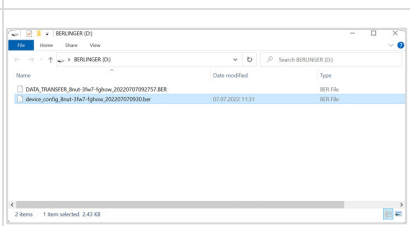

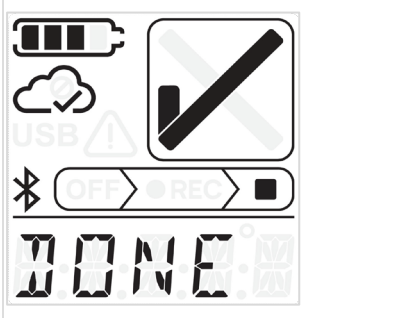
No.	Screen	Description
1		<p>Upon device interaction, the device will indicate to the user that a long-press of the multifunctional button is required for stopping.</p> <p>! If long-press is released too early during the stop process, the same screen will be displayed.</p>

2		Upon long-press device interaction, the stop screen will be loaded.
3		<p>Hold the button until the letters are replaced with stars ("*****") from left to right.</p> <p>The stop icon indicates that the device has been successfully stopped.</p>

Manual Read Out

If manual reading is required, perform the following steps to transfer monitoring data to SmartView:

Step	Screen	Description
1		Remove the USB cap and plug SmartMonitor SHIP S into the USB port of your computer.
2		When connecting SmartMonitor to the computer a pop-up window of SmartMonitor will appear. If the pop-up window does not appear, locate the USB Drive on your computer and open it.
3		<p>Log into SmartView and locate the "Data upload" functionality under the tab "Monitoring", "Devices".</p> <p>Choose "Data upload" on the top right corner.</p>

4		Click "Choose Files and select the files displayed in the USB-Drive.
5		Click "Choose Files and select the files displayed in the USB-Drive.
6		Once the files have been added select "Upload File(s)". Check Process Result to see if your files have been successfully uploaded.
7		Check Process Result to see if your files have been successfully uploaded. Follow the instructions in the SmartView User Guide to obtain and place the response file on the device.
8		Disconnect SmartMonitor from your computer.
9		<p>When the upload has been successfully completed, the display of SmartMonitor indicates "DONE".</p> <p>If DONE is not shown on the display, repeat steps 1-8.</p>

Review SmartView user manual to find out how to upload monitoring data to SmartView.

SmartMonitor SHIP S with BLE Intercommunication

SmartMonitor SHIP S can become a real-time device when using BLE intercommunication (in combination with a gateway device).

Recommendation: One gateway device can be used in combination with up to 10 SmartMonitor SHIP S devices. Multiple gateway devices can be used in the same shipment.

The “5 rules for success” when using SmartMonitor SHIP S with BLE intercommunication:

Nr. Rule		Description
1	SmartView sublicense	All SmartMonitors must use the same SmartView sublicense
2	Cellular	SmartMonitor SHIP L or SmartMonitor SHIP M has cellular connectivity enabled
3	BLE	Bluetooth must be enabled on both SmartMonitor SHIP S and SmartMonitor SHIP L or SmartMonitor SHIP M
4	Started	All SmartMonitors (including the gateway device if any) must be started
5	Radio range	All SmartMonitor devices must be within BLE range (typically up to 15m without major obstacles). Cellular network must be available.

It is possible to use SmartMonitor devices (e.g., SmartMonitor SHIP L, SmartMonitor SHIP M and SmartMonitor SHIP S) in combination, while using the same CONFIGURATION POLICY for SHIPMENT or SECTOR. Go to the user manual SmartView for detailed information.

How To Configure Your Device

When using SmartMonitor SHIP S with a gateway device (SmartMonitor SHIP L or SmartMonitor SHIP M), an automatic configuration via Bluetooth intercommunication is performed in the background. Go directly to chapter how to start monitoring.

Configure Your Gateway Device

Go to the user manual SmartMonitor to get instructions on how to configure your gateway device. If more help is needed with configuring your device, contact Sensitech support at sensitech.support@carrier.com.

Next step: **Start your device.**

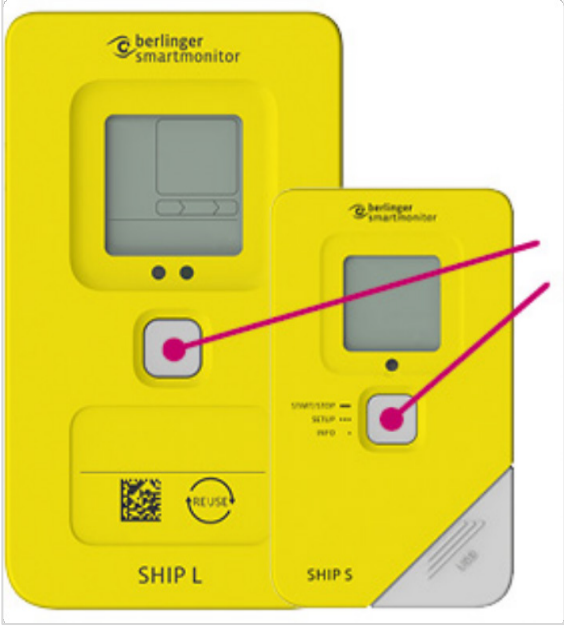

How To Start Monitoring

When using SmartMonitor SHIP S with BLE intercommunication, start your gateway device (SmartMonitor SHIP L or SmartMonitor SHIP M) by following the steps as described in the SmartMonitor User Guide.

Automatic Configuration

To start monitoring with SmartMonitor SHIP S, press and hold the multifunctional button.

Do not apply force as it will damage the multifunctional button.

Nr. Screen	Description
1	<div data-bbox="180 712 746 1335"></div> <div data-bbox="794 712 1479 1361">Start all SmartMonitor devices used in the shipment by long-press of the multifunctional button.</div>
2	<div data-bbox="180 1384 347 1666"></div> <div data-bbox="794 1384 1479 1872"><p>Bluetooth must be enabled in SmartView. Make sure that the Bluetooth sign is displayed on all devices used in the shipment. Bluetooth must be enabled in SmartView. For detailed instruction on how to use Bluetooth, please refer to SmartView User Guide.</p><div data-bbox="804 1630 1479 1872">If the Bluetooth sign is not displayed on SmartMonitor SHIP S, the device is measuring data, but at the end, a manual download needs to be performed to read-out the data in the SmartView cloud.</div></div>

Devices can be placed in the shipment after starting. Depending on the connectivity, the BLE intercommunication can take up to 1 hour to be established.

Start Delay

If a start delay is configured, the device starts with alarming only after start delay countdown. The remaining countdown is indicated on the display in days:hours:minutes format (if >24h: DDdHH, if <24h: HH:MM).

Smartmonitor Start Prevention

If SmartMonitor displays “**DO:SETUP**” on the screen, a start prevention is defined in SmartView, and a manual device configuration is required

When the function is enabled, SmartMonitor cannot be started by pushing the multifunctional button as it is preventing the start of SmartMonitor until assigning and downloading of another, startable configuration policy in SmartView.

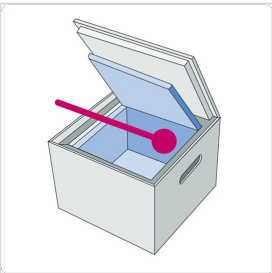

Check here for [Warnings](#) on device start.

* The tick can be hidden by disabling the alarm status function in the configuration policy in SmartView. In this case, the field remains empty.

How To Place Your Device

As the device needs some time to acclimatize, setting up a start delay in SmartView during configuration is recommended.

How to place SmartMonitor:

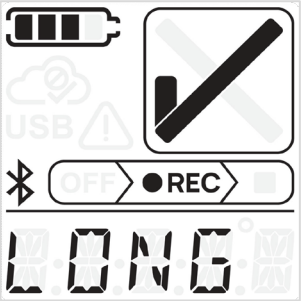
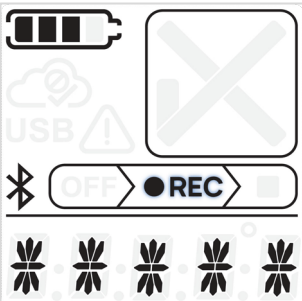
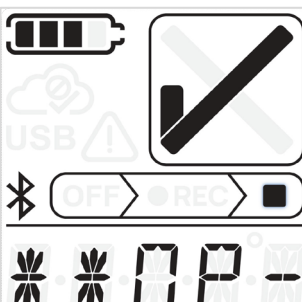
Step	Picture	Description
1		Place the device inside the temperature-controlled box/container.
2		Use the designated area for the Velcro tape on the back of SmartMonitor to place the device securely.

Start SmartMonitor before closing the box.

Next step: **start your device.**

How To Stop Monitoring

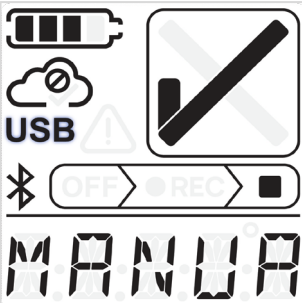
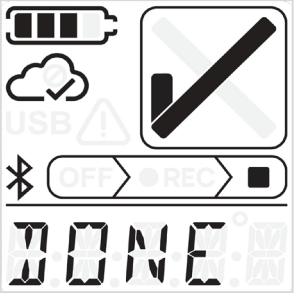
To stop the device, long-press the multifunctional button.

No.	Screen	Description
1		Upon device interaction, the device will indicate to the user that a long-press of the multifunctional button is required for stopping. ! If long-press is released too early during the stop process, the same screen will be displayed.
2		Upon long-press device interaction, the stop screen will be loaded.
3		Hold the button until the letters are replaced with stars ("*****") from left to right. The stop icon indicates that the device has been successfully stopped.


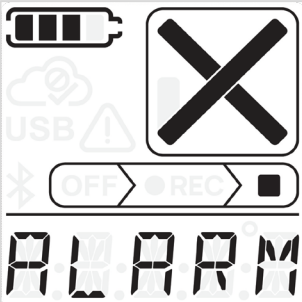
Data Read Out

After stop, the display of SmartMonitor SHIP S is indicating "MANUAL". In the background, automated data upload to the cloud via the gateway device is establishing.

The data upload time depends on connectivity as well as the number of devices.

No.	Screen	Description
1		Establishing connection to SmartView. Bluetooth symbol is blinking.
2		<p>Once the automatic upload of data has been successful, the display will indicate the status DONE and the cloud symbol with tick.</p> <p>If the automatic upload of data was not successful, the screen will remain in status MANUAL. Go to Manual Read Out section for detailed information.</p>

Status When Stopped

No.	Description	
1		Device indicates that no alarm violation took place during the entire monitoring period.
2		Device indicates that alarm violation took place during the monitoring period.

Device Info Before Monitoring Start

To scroll through available device info, single-push the multifunctional button. Skip scroll text items with button short press.

Step	Description
1	The name of the configuration defined in SmartView is displayed.
2	The defined label name (e.g., Airway Bill, etc.) from SmartView is displayed on the screen.

Running device

- Device info when device is running
- Device alarm while running
- Manual read out while running

Device Info When Device Is Running


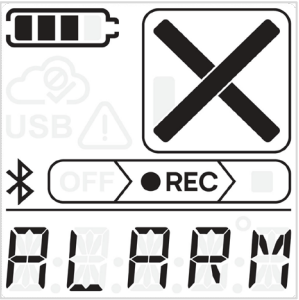
To scroll through available device info, single push the multifunctional button. Skip scroll text items with a short button press.

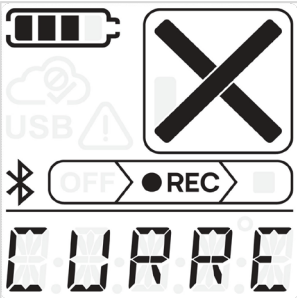
The actual information displayed is configurable in SmartView and may differ from the example below.

Nr. Description

1	Home Screen: The current temperature is displayed on the screen.
2	To check if the device has the intended configuration, single push until the name of the configuration defined in SmartView is displayed.
3	The defined label name (e.g., Airway Bill, etc.) from SmartView is displayed on the screen.
4	With a long press of the multifunction button, the device can be stopped.

Device Alarm While Running

No.	Screen	Description
1		✓ Device indicates that there is no temperature alarm violation on the device
2		✗ Device indicates that there is one or more temperature alarm violation on the device

3		To enter device info, single button-press.
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Check for further warnings in the [Warnings](#) section.

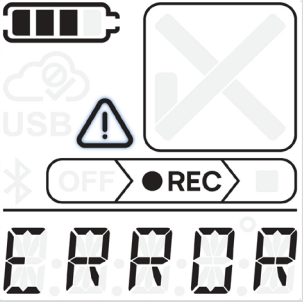
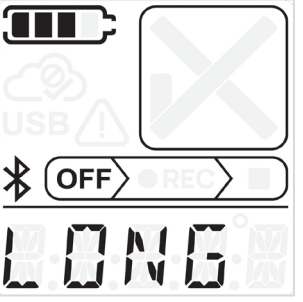
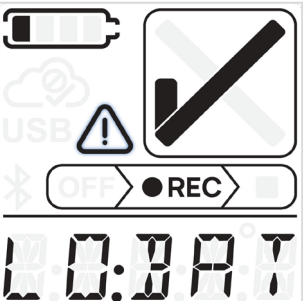
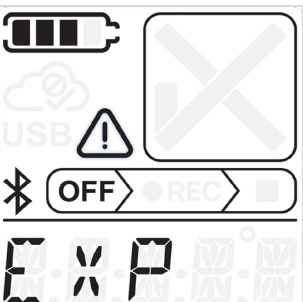
Manual Read Out While Running

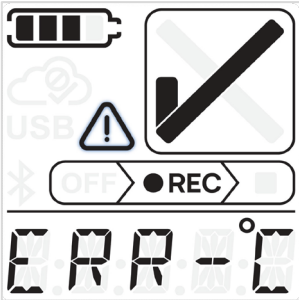

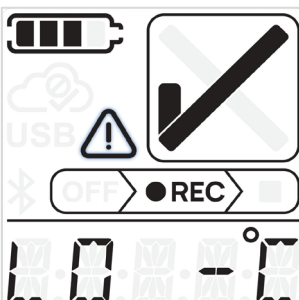
When doing a manual read out while running, the measured temperatures might no longer reflect the temperature exposure of your shipment but the impact of the ambient temperature on the device.

Follow the instructions on “manual read” out to retrieve data manually while the device is running.

Warnings

Display Warnings

Category	Problem	Effect	Solution
No battery	Blank display	No information visible	The device cannot be used.
General		SMARTMONITOR ERROR ERROR is shown on the display. The device self-test was unsuccessful.	Sensitech support.
Device start		DEVICE START Device cannot be started. Display shows LONG PRESS.	Press the multifunctional button for at least 5 seconds.
Device start		LOW BATTERY LO:BAT is shown on the display, the battery symbol is blinking. The device charge is too low to start the device.	The device cannot be used.
Device start		CALIBRATION EXPIRED Scroll "CALIBRATION EXPIRED" + "EXPIRED" Static. The calibration expiry date set by the customer in SmartView is reached. The device can no longer be started.	Recalibrate the device and update in SmartView accordingly.

Running device		<p>ERR-°C will be shown on the display and the exclamation mark  is blinking. The measured temperature is out of the specified device temperature measurement range of SmartMonitor device.</p> <p>Single press the multifunctional button to indicate information on the error</p>	<p>Check the technical specification for the device measurement temperature range and ensure that the device is not exposed to temperatures outside of this range.</p>
		<p>type. "HI", "LOW" and -°C will be shown on the display. The display indicates whether the measured temperature is too high or too low.</p>	

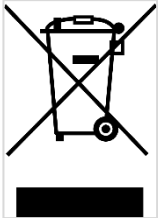
On the back of the device is a QR code ([Learn more](#)), which links to a page where more information about the device is available.

If more help is needed, contact Sensitech support at sensitech.support@carrier.com.

Disposal

SmartMonitor devices are recyclable and do not belong in household waste. At the end of its lifetime, dispose the product in accordance with the regulation of your country or return it to Sensitech according to RMA (Return Merchandise Authorization) process.

If more help is needed, contact Sensitech support at sensitech.support@carrier.com.



Certification & Standards

Relevant information can be found in the technical specification.

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS and 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 of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage.
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Changes or modifications made to this equipment not expressly approved by Sensitech may void the FCC authorization to operate this equipment.

Note: This device has been tested and meets the standards for a Class B digital device under part 15 of the FCC Rules. The established limits are intended to reasonably safeguard against harmful interference in residential environments. Since this equipment generates, uses, and may emit radio frequency energy, improper installation or use may cause unwanted interference with radio communications. While interference-free operation is not guaranteed for every setup, if the device disrupts radio or TV reception—determined by switching it off and on—the user should try the following solutions to resolve the issue:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and 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.

Radiofrequency radiation exposure Information:

This equipment complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated at a minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.




Ce transmetteur ne doit pas être placé au même endroit ou utilisé simultanément avec un autre transmetteur ou antenne.

Regulatory Certification



FAQ & Glossary

Glossary of Symbols

Symbol	Description
	OK symbol
	ALARM symbol
OFF	SmartMonitor is ready to start
●REC	SmartMonitor is measuring
	SmartMonitor has stopped

Glossary of Terms

Term	Description
Gateway device	The gateway device (SmartMonitor SHIP L or SmartMonitor SHIP M) is a measuring device, but at the same time transmits data from SmartMonitor SHIP S devices in the same shipment to the SmartView cloud via Bluetooth.
BLE	Bluetooth