Product Bulletin

SenTec SDM Interface Cable – Now Available

Embla is pleased to announce the availability of a cable from SenTec that allows the SenTec SDM monitor to easily interface with Embla recording devices.

Connection Cables

SenTec now supplies the following connection cables for use with Embla recorders:

SenTec Item #	SenTec Item Name	For Use With
101193	Embla S7000 / N7000 / S4500 (Embla)	PSG systems Embla S4000™, S4500™ S7000™, N7000™
101235	Embla titanium (Embla)	Embla titanium™
101263	Embletta Gold (Embla)	Embletta® Gold™

⚠ In very rare cases the SenTec SDM is used for Embla PSG recording while connected to a second device (Ie.computer). This situation requires an additional patient isolation. Please contact SenTec Technical Support in this case.

Sensor Definition Instructions

The SenTec SDM device is compatible with the following versions of RemLogic:

Europe/Oceana/Asia: RemLogic 1.0 and up, Remlogic-e 3.0 and up

Americas: RemLogic 1.0 and up, RemLogic-e 1.2 and up

To prepare the SenTec SDM device you can download the sensor definition file(s) from the following FTP location:

ftp.embla.com
User Name: SenTec
Password: SenTec

Available Sensor definition files on this FTP location:

Recording system	Signal	Unit	File Name
Embletta Gold	PCO2	mmHg	SenTec SDM EBG PCO2 mmHg - DC.esdsr
Embletta Gold	PCO2	kPa	SenTec SDM EBG PCO2 kPa - DC.esdsr
PSG systems	PCO2	mmHg	SenTec SDM PCO2 mmHg - Bipolar.esdsr
PSG systems	PCO2	kPa	SenTec SDM PCO2 kPa - Bipolar.esdsr
PSG systems	SpO2	%	SenTec SDM SpO2 - Bipolar.esdsr
PSG systems	PR	bpm	SenTec SDM PR - Bipolar.esdsr
PSG systems	Pleth	-	SenTec SDM Pleth - Bipolar.esdsr
Embla Titanium	PCO2	mmHg	SenTec SDM T PCO2 mmHg.esr
Embla Titanium	PCO2	kPa	SenTec SDM T PCO2 kPa.esr
Embla Titanium	SpO2	%	SenTec SDM T SpO2.esr

After downloading the applicable file(s) please do the following steps to add the sensor definition files to your available list of sensors in RemLogic™ or RemLogic-E™:

1. Copy the applicable sensor definition file(s) to your computer:

Windows XP operating systems:

- **Embletta Gold**:

   C:\DocumentsandSettings\AllUsers\Application Data\Embla\Embletta

- **S4000, S4500, S7000 and N7000 amplifiers:**

   C:\Documents and Settings\All Users\Application Data\Embla\Sensors

- **Embla Titanium:**

   C:\Documents and Settings\All Users\Application Data\Embla\Sensors – EmblaPS

Windows Vista operating systems:

- **Embletta Gold:**

   C:\ProgramData\Embla\Embletta

- **S4000; S4500; S7000 and N7000 amplifiers:**

   C:\ProgramData\Embla\Sensors

2. Embla Titanium:
C:\ProgramData\Embla\Sensors – EmblaPS

3. Include the SenTec signals into your recording profile

To use the signals of the SenTec SDM device in RemLogic, you will need to create a device profile for your recording device.

4. Create a device profile for PSG systems:

1. Open RemLogic software (Version 1.0 or higher)
2. On the **View** menu, point to **Workspace**, and then click **Devices**.
3. In the **Device Manager**, click **Devices**, point to **Settings**, and then click **Embla Communication Unit**.
4. Chose in the drop down menu the desired PSG system
5. To create a new Profile you need to **clone** the current default profile
6. To modify the new Profile click on **Edit**.
7. You can also **Edit** a profile which is already customized
8. In the **Name** text box, enter a name for the device profile (e.g., S4500 with CO2).
9. Click on the tab **Auxiliary**
10. Chose an unused **odd-numbered** Auxiliary port ID and mark the check box.
11. Double Click on the **Label** of this Auxiliary port (e.g. Auxiliary 1) and enter a name for the Signal (e.g., PCO2)
12. chose the desired PCO2 Signal sensor depending on your device from the drop down menu **Sensor**
13. Leave the default values in the other drop down menus.
14. If you want to record the additional signals from the SenTec SDM device repeat the steps 10 to 13. Please choose an unused **even-numbered** Auxiliary port ID.
15. Click **OK** twice to save the changes and **Close** the Device Manager.

   Make sure that you are not using two CO_2 signals with the same signal type in the same recording profile.

Please refer to the manual for how to include new signals to your workpad.

Use the SenTec SDM device with the Embletta Gold:

During the initialization of the Embletta Gold recorder mark the check box of the DC sensor and chose from the drop down list the desired PCO2 Signal

For further information please contact:	sales@embla.com
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