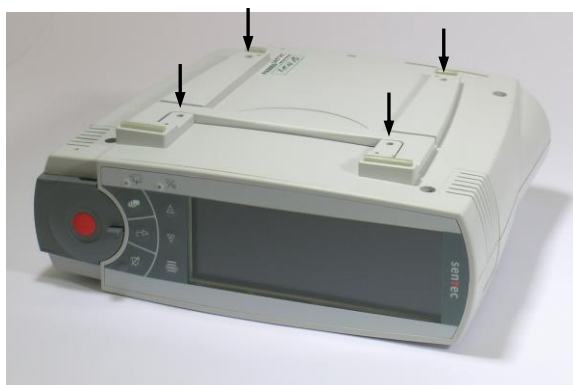## Installation

Mounting the SenTec Digital Monitor (SDM) to an infusion stand using the **Mounting Plate MP-IW**

1. Make sure that the tip-up foot is folded in.
2. Turn the SDM bottom-up and align the four hole pattern on the housing of the monitor with the four pre-assembled screws on the mounting plate.
3. Tighten the screws manually with a screw driver. If one of the screw holes is sealed with a setscrew (reworked SDM with serial number ≤ 302986) do not tighten the corresponding pre-assembled screw.
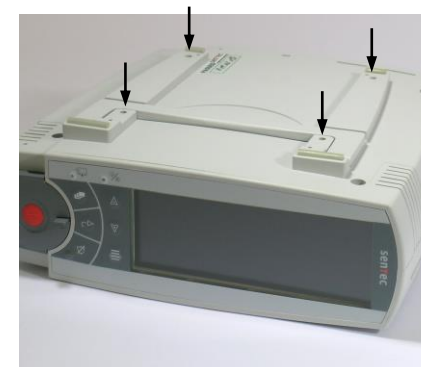

4. Position the SDM at the desired height on the infusion stand post using the appropriate clamp. For the maximum weight that can be attached to the stand post refer to the Directions for Use included with the infusion stand.

Mounting the SDM to a wall railing using the **Mounting Plates MP-IW** (for wall railings with standard dimensions of 25 mm height and 10 mm thickness) **or MP-WR** (for wall railings with standard dimensions of 25 mm to 35 mm height and 8 mm to 10 mm thickness)

1. Make sure that the tip-up foot is folded in.
2. Turn the SDM bottom-up and align the four hole pattern on the housing of the monitor with the four pre-assembled screws on the mounting plate.
3. Tighten the screws manually with a screw driver. If one of the screw holes is sealed with a setscrew (reworked SDM with serial number ≤ 302986) do not tighten the corresponding screw.

MP-IW   MP-WR

4. Turn the SDM and attach it to the wall railing using the appropriate clamps. For the maximum weight that can be attached to the wall railing refer to the Directions for Use included with the wall railing system.
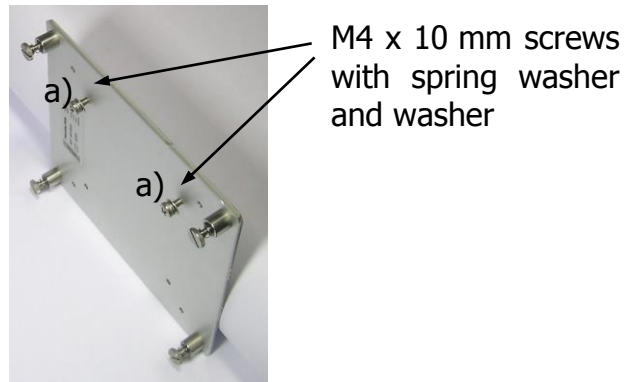
Mounting the SDM with **Mounting Plate MP-RSH** to a Roll Stand Head with an Adapter Plate with 75 mm x 75 mm hole pattern (e.g. GCX VESA Mounting Plate Assembly)

1. If the Adapter Plate has not yet been installed mount Adapter Plate on the roll stand head as described in the Directions for Use included with the Adapter Plate (e.g. GCX VESA Mounting Plate Assembly). Make sure that the Adapter Plate is mounted so the monitor can be attached in an appropriate orientation.
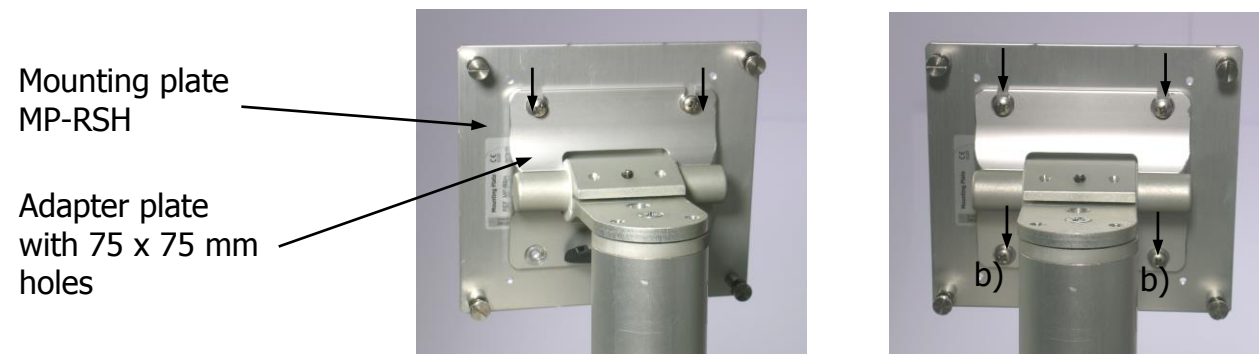
Adapter plate with 75 x 75 mm holes

2. Insert two M4 x 10 mm screws with spring washer and washer (delivered with the mounting plate MP-RSH) into two top holes of the mounting plate MP-RSH (see picture below label a).

M4 x 10 mm screws with spring washer and washer

3. Attach the mounting plate MP-RSH to the adapter plate with 75 mm x 75 mm hole pattern.

Mounting plate MP-RSH

Adapter plate with 75 x 75 mm holes

4. Insert the two M4 x 10 mm screws with spring washer and washer into the two bottom holes of the mounting plate MP-RSH (see picture above label b). Tighten all four screws manually with a screw driver.
5. Align the four hole pattern on the housing of the monitor with the four pre-assembled screws on the mounting plate.
6. Tighten the screws manually with a screw driver.

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Introduction

The following three types of mounting plates are available:

- **MP-IW – *Mounting Plate for infusion stands and wall railings:***
  Universal mounting plate for fixation of SDM to infusion stands or other rigid tubes or poles with diameters from 12 mm to 38 mm, or to wall railings with standard dimensions of 25 mm height and 10 mm thickness
- **MP-WR – *Mounting Plate for wall railings:***
  Mounting plate for fixation of SDM to wall railings with standard dimensions of 25 mm to 35 mm height and 8 mm to 10 mm thickness
- **MP-RSH – *Mounting Plate for roll stand heads:***
  Mounting plate for fixation of SDM to heads of roll stands using 75 mm x 75 mm or 100 mm x 100 mm VESA flat panel adaptor plates e.g. GCX Polymount

Scope of delivery

Mounting Plates are delivered in boxes containing:

- MP-IW – *Mounting Plate for infusion stands and wall railings:*
  One mounting plate with four pre-assembled screws (PEM Captive Panel screws), 1 fixation clamp for infusion stands and one fixation clamp for wall railings
- MP-WR – *Mounting Plate for wall railings:*
  One mounting plate with four pre-assembled screws (PEM Captive Panel screws) and 2 fixation clamps for wall railings
- MP-RSH – *Mounting Plate for roll stand heads:*
  One mounting plate with four pre-assembled screws (PEM Captive Panel screws) and four Phillip screws M4 x 10 mm with spring washer M4 and washer M4

WARNING: Only use the screws in the manner described in this manual and do not use other screws than the pre-assembled ones.

WARNING: The mounting plates are intended for use with the SenTec Digital Monitor (SDM) only. Do not use the mounting plates to attach devices from other manufacturers than SenTec.

WARNING: Tipping of infusion stands or roll stands and falling down of devices from wall railings may result in serious injury. For the maximum weight that can be attached to the stand post or wall railing refer to the Directions for Use included with the roll stand/wall railing. On certain roll stands, counterweights need to be mounted.

WARNING: When connecting/ mounting the SDM to accessory equipment (e.g. PCs, PSG-Systems, (wireless) networks, roll stands, mounting plates, incubators, etc.)), verify proper operation before clinical use of the SDM and accessory equipment. In certain cases it may be required that the SDM and the accessory equipment must be connected to a grounded AC outlet. In case of doubt consult qualified technicians.

WARNING: This warning applies to all SDMs with serial numbers less than or equal to 302968 provided that the open thread has not been replaced by a blind thread already or is not sealed with slotted setscrew and thread locking adhesive. A screw entering 17 mm (0.67 inches) into one of the SDM's screw holes may touch the primary part of the SDM's power supply. If this screw is electrically conducting the resulting short circuit may cause an electrical isolation failure and, consequently, if the SDM is connected to AC power an electrical shock may occur to a person touching this screw or any other electrically conducting material being in contact with this screw.

WARNING: Accessory equipment (e.g. a PC) connected to the SDM's data ports must be certified according to the IEC 60950 standard. All resulting combinations of equipment must be in compliance with the IEC standard 60601-1 systems requirements. Anyone who connects accessory equipment to the SDM configures a medical system and is, therefore, responsible for ensuring that the resulting system complies with the requirements of standard IEC 60601-1 and the electromagnetic compatibility standard IEC 60601-1-2.