

QUICK START GUIDE







INSTALLING THE NETRONIX™ THIAMIS™ GSM/GPS COMMUNICATION MODEM IN THE ENVIRONMENTAL ENCLOSURE MODEL 8535

This guide will help you quickly install the Netronix™ Thiamis™ GSM/GPS Communication Modem for Environmental Enclosure Model 8535.





Unpacking Netronix Thiamis GSM/GPS Communication Modem (801901)

1. Unpack the Netronix™ Thiamis™ GSM/GPS Communication Modem (801901) for the Environmental Enclosure (8535) and verify that all the items listed in the following table are present.
2. Contact [TSI](#) immediately if items are missing or broken.

Qty.	Item Description	Reference Picture
1	Adapter Plate	
4	Hex Standoffs	
4	Washers	
4	4-40 x 3/16" socket head screws	
1	O-ring	
1	Antenna Housing	

Qty.	Item Description	Reference Picture
1	Power Cable	
1	Spare Fuse	
1	Netronix Thiamis GSM/GPS Communication Modem	
1	GSM-GPS Antenna	
2	Button head hex screws	
1	RS232 to USB Converter Cable	

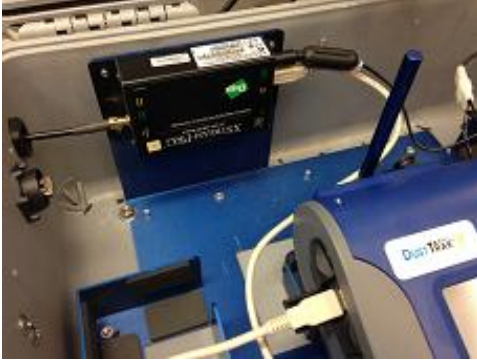
Tools Needed for Installation

Qty.	Item Description	Reference Picture
1	Phillips Screw Driver	
1	1/4" Nut Driver	
1	3/32" Ball Driver	
1	1/8" Allen Wrench	



Preparation of Environmental Enclosure (8535) if Purchased *with* a Digi XStream-PKG RF Modem

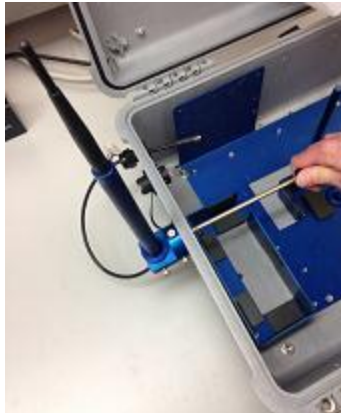
1. Disconnect cables from Digi® XStream-PKG™ RF modem.



2. Remove the Digi XStream-PKG RF modem from base bracket using a Phillips screw driver.

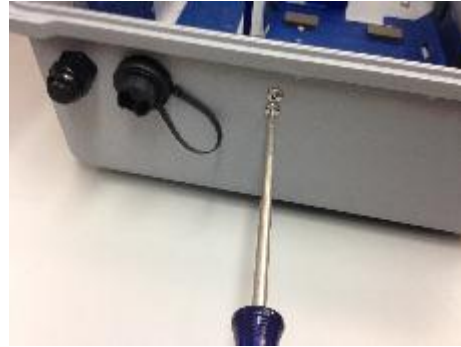


3. Remove the antenna housing from the 8535 enclosure with a Phillips-head screw driver and save the screws for a later step.



Preparation of Environmental Enclosure (8535) if Purchased *without* a Digi XStream-PKG RF Modem

1. If the Environmental Enclosure was purchased without a wireless Digi XStream-PKG RF Modem, remove the two screws shown, along with the nuts and washers attached to the screws. Save the screws for a later step.



2. Loosen the nut then remove the plug as shown.



Installing the Netronix Thiamis GSM/GPS Communication Modem (801901)

1. Using a 1/4" nut driver fasten the hex standoffs to the base bracket.



2. Using a 3/32" ball driver, socket head screws, and washers fasten the adapter plate to the base bracket.



3. Lay the O-ring in the O-ring groove at the base of the antenna housing.



4. Using the previously installed screws fasten the antenna housing with the O-ring to the enclosure.



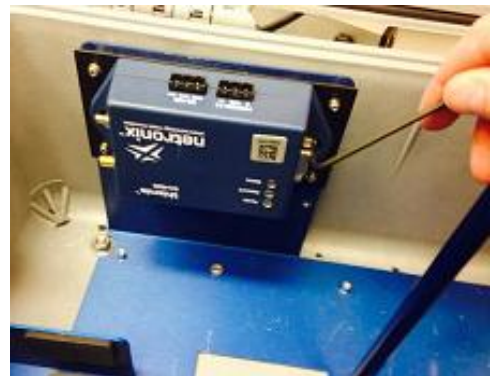
5. Remove the slip nut from the GSM-GPS antenna.



6. Feed the GSM and GPS cables down the antenna housing and screw the GSM-GPS antenna onto the antenna housing.



7. Fasten the Thiamis unit to the adapter plate using the 1/8" hex driver and button head hex screws.



8. Connect the GSM and GPS cables to the Thiamis unit.

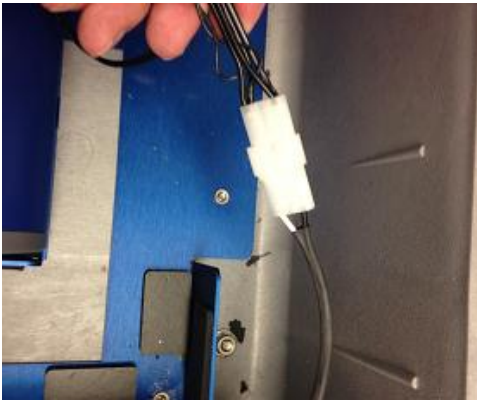


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9. Connect the RS-232 to USB converter cable to the Thiamis unit and the DustTrak Aerosol Monitor.



10. Connect power cable to the AC power cable connector or battery cable connector (not shown).



11. Connect the phoenix connector end of the power cable to the Thiamis unit.



12. Connect the barrel connector end of the power connector to the DustTrak Aerosol Monitor.



13. Connect the locking connector end of the power cable to the heated inlet if you have purchased a heated inlet otherwise leave unconnected.



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