

# <How to configure Probee Broadcast Network>

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## 🔗 Application Example

This documentation is for configuring the Probee Network Communication.

We are providing two ways.

The one is the way to configure through the AT Command with a terminal program like the Hyperterminal or Teraterm.

## 1. How to configure through the AT Command

### A. Setting the Coordinator Device

AT+NODETYPE=1<CR> OK AT+PANID=0000<CR> OK AT+TRANSMITMODE=3<CR> OK ATZ<CR> OK	#Setting Node Type (1=Coordinator)  #Setting PAN ID  #Setting Transmit Mode (3=Broadcast Mode)  #Apply and Reboot
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### B. Setting the Router or End Device

AT+NODETYPE=2<CR> OK AT+PANID=0000<CR> OK AT+TRANSMITMODE=3<CR> OK ATZ<CR> OK	#Setting Node Type (2=Router 3=End Device, 4=Sleepy End Device) #Setting PAN ID (Same with the Coordinator's)  #Setting Transmit Mode (3=Broadcast Mode)  #Apply and Reboot
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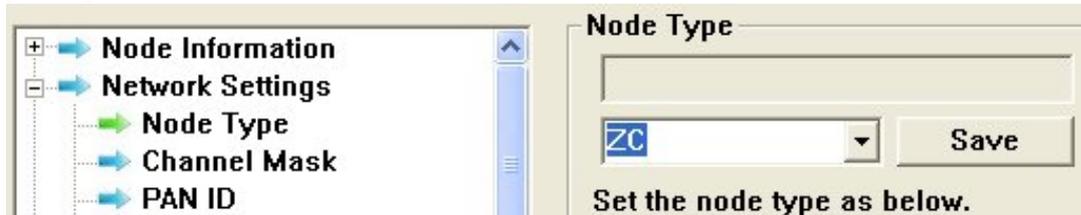
# 1. How to configure through the ProBee Manager

## A. Setting Coordinator Device

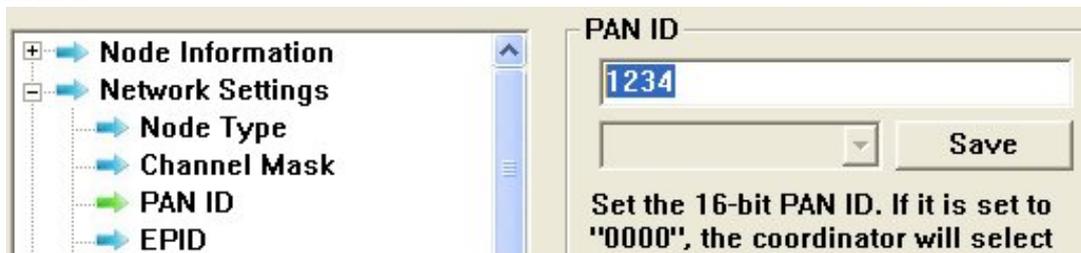
(1) Push the [OPEN] button after setting the "Serial Port" parameters.



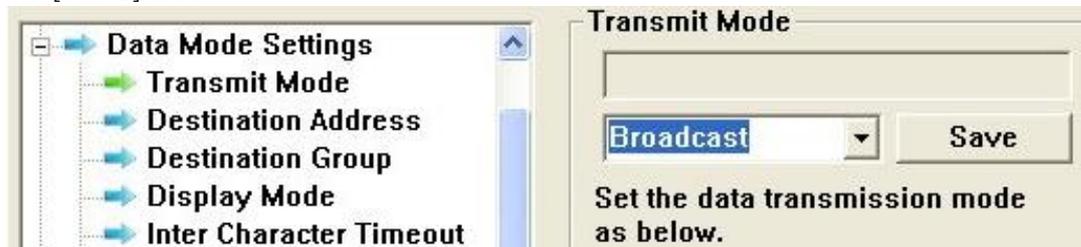
(2) After configuring [Network Settings]/ [Node Type], save the configuration pushing the [SAVE] button.



(3) After configuring [Network Settings]/ [PAN ID], save the configuration pushing the [SAVE] button.



(4) After configuring [Data Mode Settings]/ [Transmit Mode], save the configuration pushing the [SAVE] button.



(5) Reboot the coordinator device pushing the [Reboot] button.



## B. Setting Router or End Device

(1) Push the [OPEN] button after setting the "Serial Port" parameters.

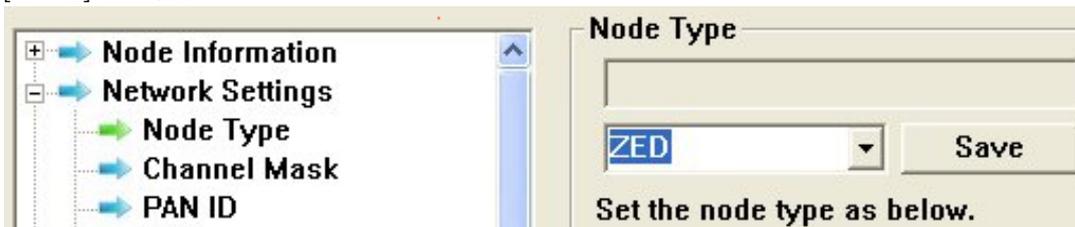


Serial Port

Serial line	Baud rate	Data bits	Parity	Stop bits	Flow control
COM3	9600	8	None	1	Hardwai

Close

(2) After configuring [Network Settings]/ [Node Type], save the configuration pushing the [SAVE] button.



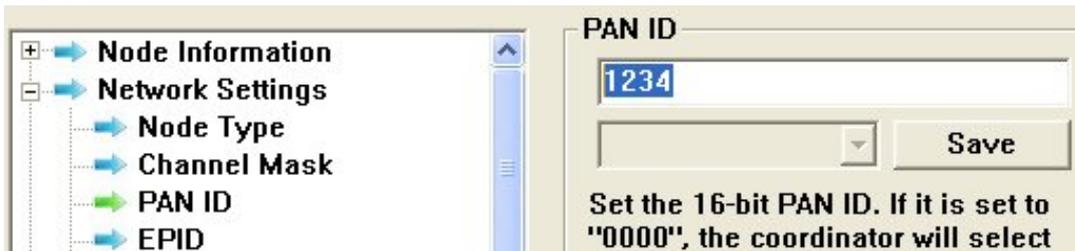
Node Type

ZED

Save

Set the node type as below.

(3) After configuring [Network Settings]/ [PAN ID], save the configuration pushing the [SAVE] button.



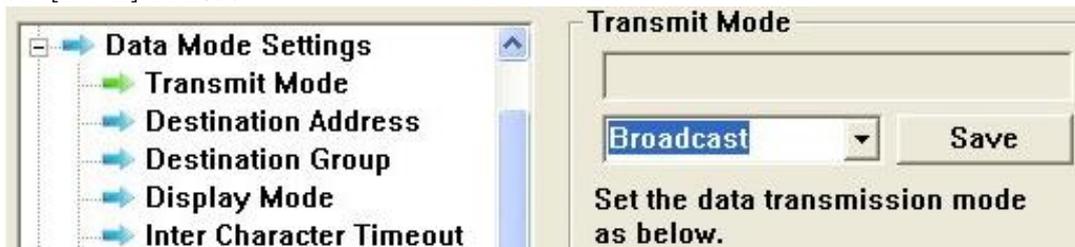
PAN ID

1234

Save

Set the 16-bit PAN ID. If it is set to "0000", the coordinator will select

(4) After configuring [Data Mode Settings]/ [Transmit Mode], save the configuration pushing the [SAVE] button.



Transmit Mode

Broadcast

Save

Set the data transmission mode as below.

(5) Reboot the coordinator device pushing the [Reboot] button.



Device Information

Product Name : ZE20S	EUI address : 0001950000005AFC	Reboot
Node Name : ProBee-ZE	F/W Rev. : PTv1,4	Reload