



DAE Instrument

# AMR130-R

Setting Tool

# User Manual

V 1.0

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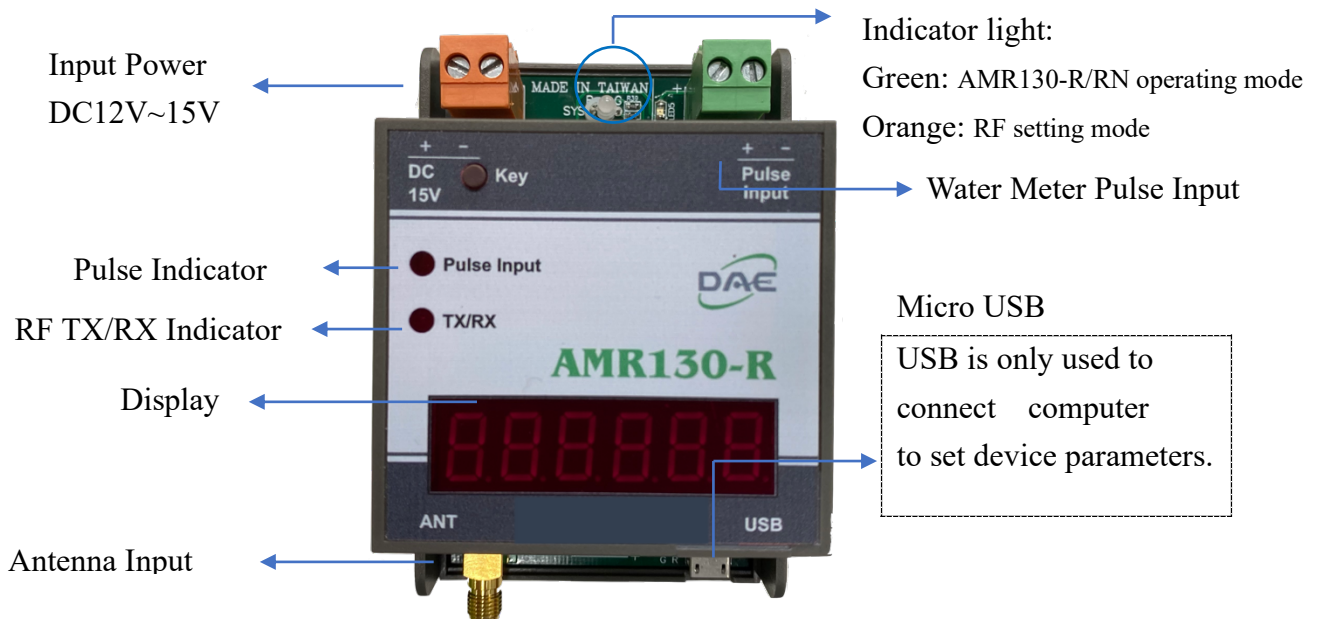
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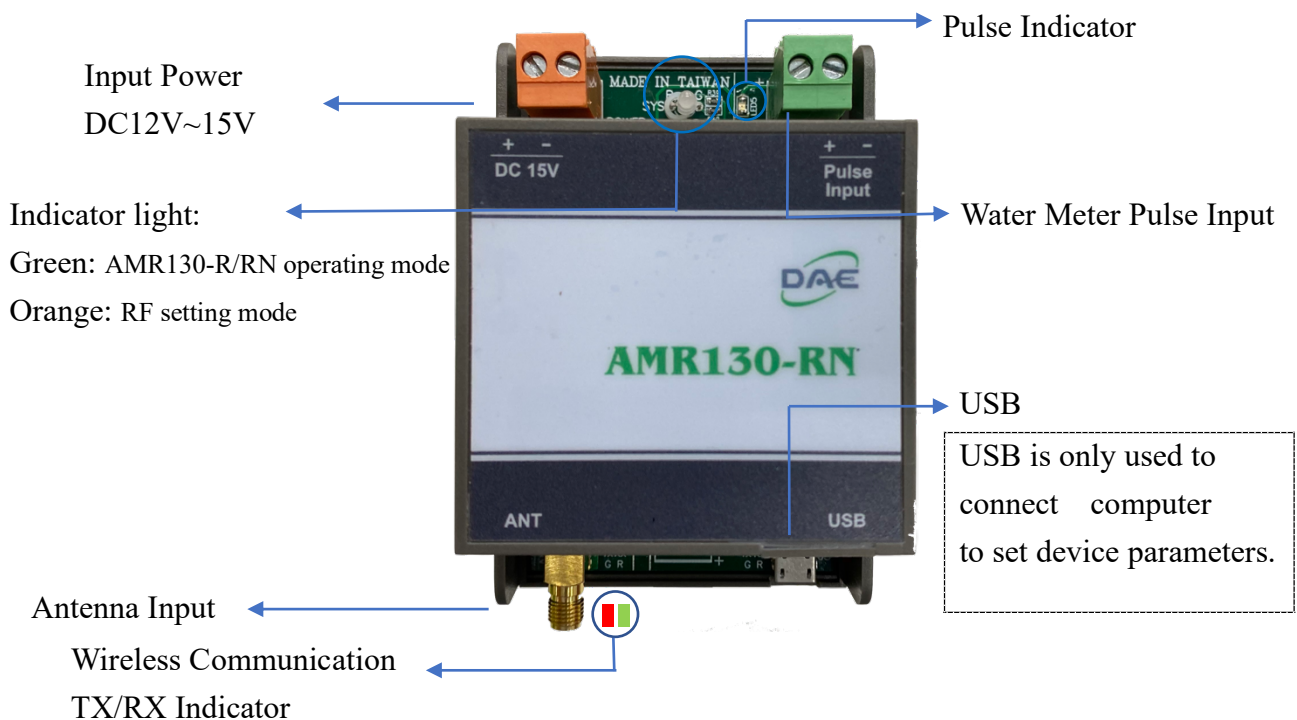
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*I-A. Hardware Specification:*

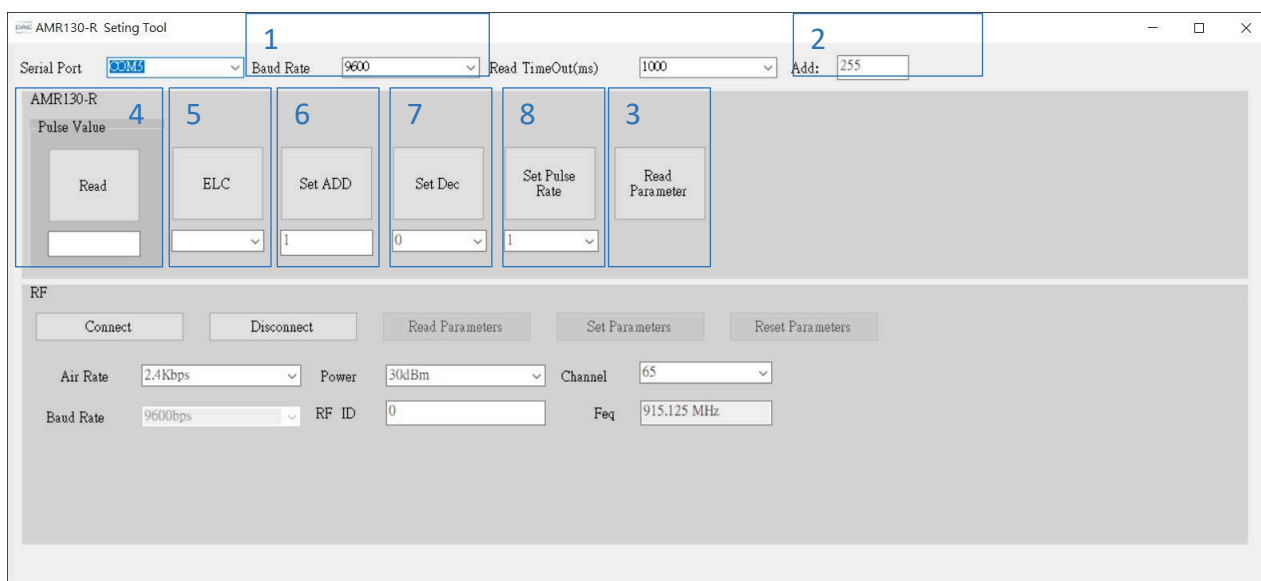
AMR 130-R/RN PRODUCT SPECIFICATION		
Dimension	63x95x54 mm	
I/O I Interface	Pulse In	v
	USB	v
	RF	v
	Display	AMR130-R: v AMR130-RN: x
Device	Address	1~254
	Baud Rate	9600
Water Meter	Dec.	0 / 0.0 / 0.00
	Pulse Rate	1 / 4 / 8 / 10 / 16 / 32 / 64 / 100 / 160 / 320 / 640 / 1,000 / 2,000 / 10,000 / 20,000
RF	RF Setup	v
	RF Frequencies	902.125 ~ 927.125 MHz (Default: 915.125 MHz)
	RF Air bps	0.3 ~ 62.5 kbps (Default: 2.4kbps)
	Long Distance Range	5km
Transmit Power	DC Input	DC 12V~15V / 12W

*I-B. Outward Appearance Overview:*





## II.-A AMR130-R



### ①Baud Rate:

The default value of Baud Rate is 9600. Please don't make any adjustment to this blank.

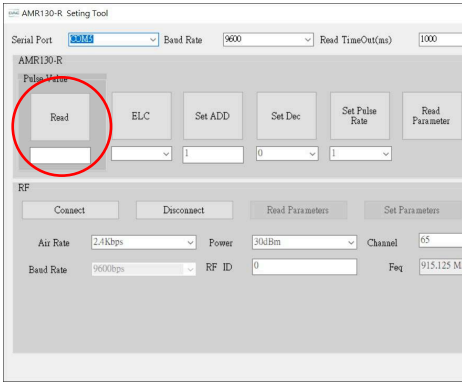
The baud rate can be understood as the number of symbols transmitted in a unit time. The higher the baud rate, the more symbols can be transmitted in a unit time.

### ②Add:

The default value of Add is 255. Please enter the Add that showed on the AMR130-R/RN hardware.

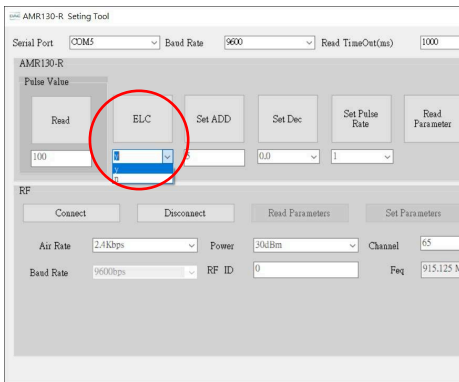
### ③Read Parameter:

Please click the "Read Parameter" button to get corresponding parameters.



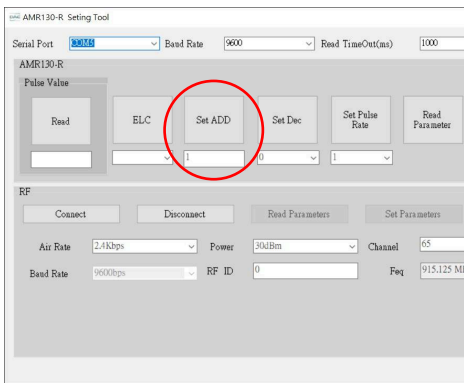
#### ④Pulse Value (Read):

- This column could not make any adjustment. It could only be read.



#### ⑤ELC Settings:

- y: Electricity ; n: Water  
The default value is “y”.
- Please click “ELC” button to save settings after making any alteration.

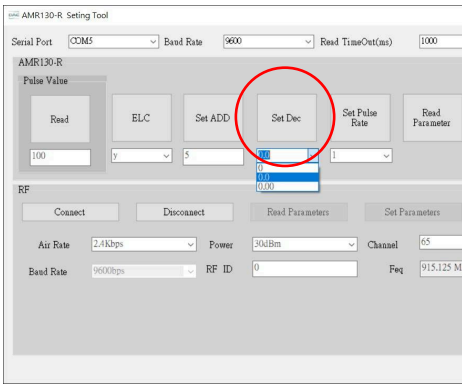


#### ⑥ADD Settings:

- Users could edit the ADD just by entering the number directly. (Range: 1~254)
- Please click “Set ADD” button to save after making any alteration.

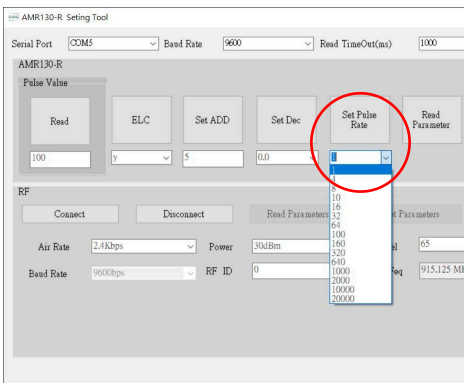
#### ☐Friendly Notice:

- If Add blank at the top-right corner was 225, the alteration here would change all old ADD into new one. On the other hand, If Add blank at the top-right corner was 3, then, the alteration here will only change AMR130-R which Add is 3.
- Let’s assume that the blank Add at top-right corner is 255 and user enter 5 here. Then, all the ADD of AMR130-N will be transformed into 5.
- For another instance, the blank Add at top-right corner is 6 and user enter 20 here. Then, the AMR130-R/RN which is 6 will be transformed into 20.



### ⑦ Dec Settings:

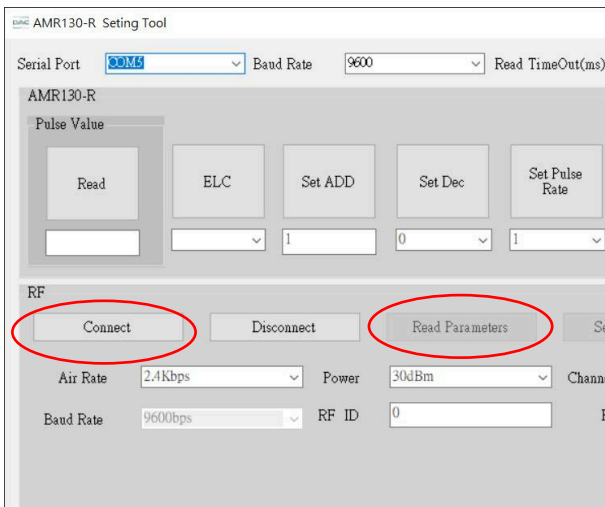
- Users could choose which decimal they want to adopt. (Integer / Decimal / Two Decimal Places)
- Please click “Set Dec” button to save after making any alteration.



### ⑧ Pulse Rate Settings:

- There are multi choices of Pulse Rate.
- Please click “Set Pulse Rate” button to save after making any change.

## II.-B RF

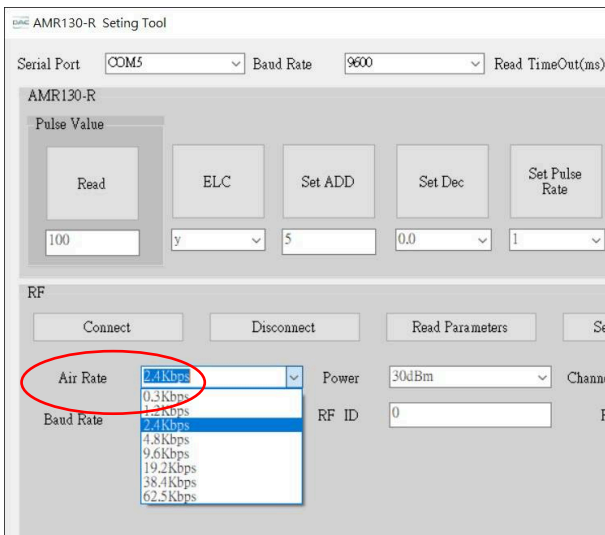


### ①Connect & ②Read Parameter:

- Please click “Open Connect” button to activate the setting tool.
- Please click “Read Parameters” button first to get the corresponding parameters.

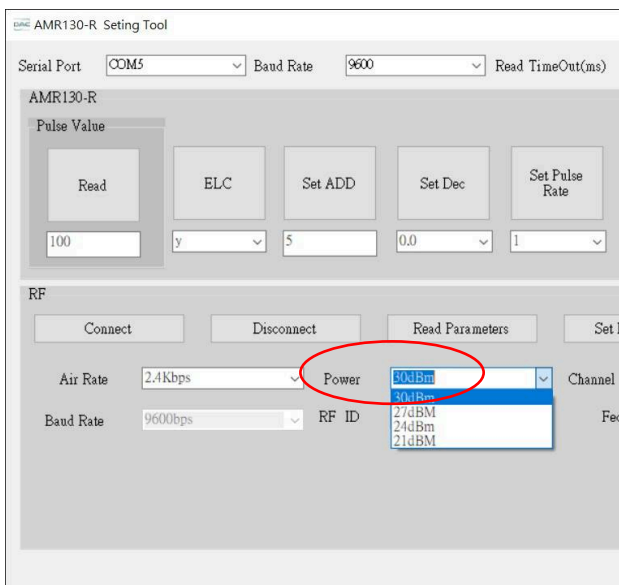
### ❑Friendly Notice:

The “Read Parameter”, “Set Parameters” and “Reset Parameters” these three buttons will be activated after clicking “Open Connect” button.



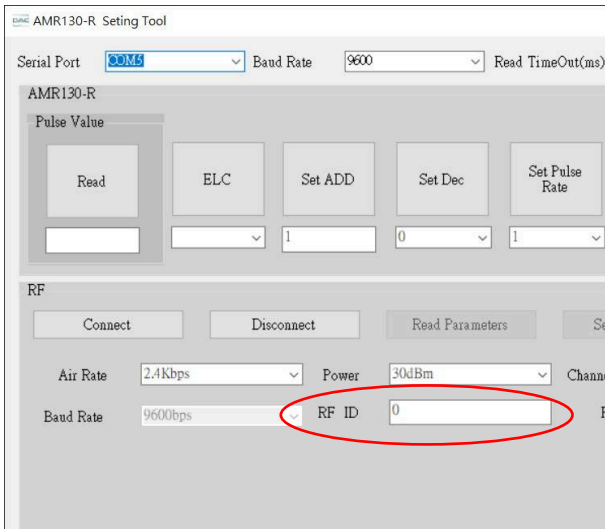
### ③Air Rate:

- Default value 2.4 kbps.



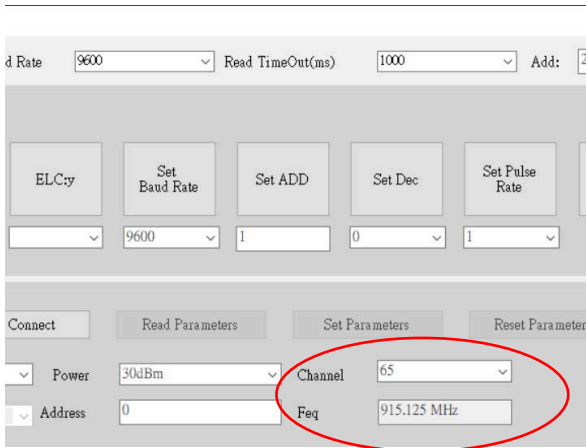
### ④Power:

- There are multi choices of Power. The default value is 30dBm.



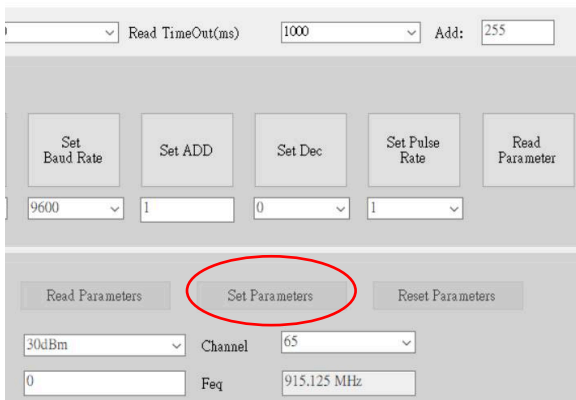
**⑤ RF ID:**

- This address is different from the former one. It is the ID of RF. (Range: 0~65535)



**⑥ Channel & Feq:**

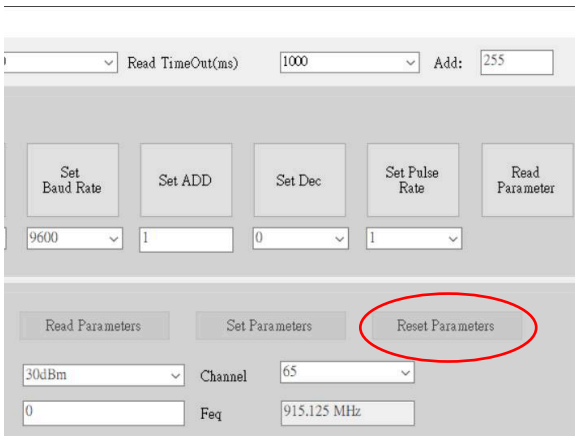
- There are multi choices of Channel. The default value is 65. (Range: 52~77)
- The value of Feq will follow with Channel.



**⑦ Set Parameter**

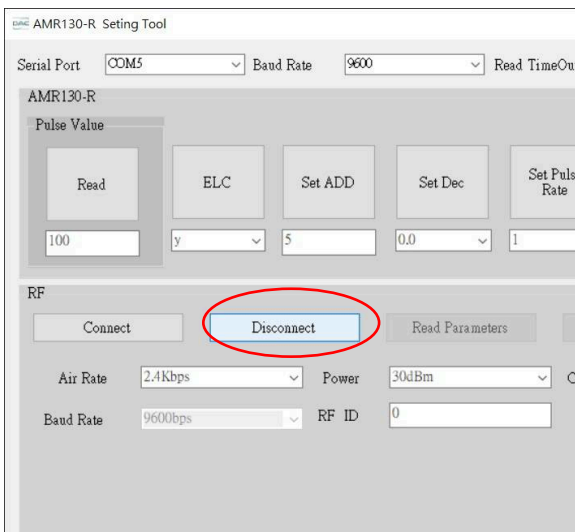
- Please remember to click “Set Parameters” to save all the settings after making any change.





### ⑧ Reset Parameters

- Users could click “Reset Parameters” button to rectify again.



### ⑨ Disconnect

- Please remember to click “Close connect” button to finish all the settings.

#### Friendly Notice:

The indicator light has to be orange during setting parameters. It will turn into to green after clicking “Close Connect”.



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