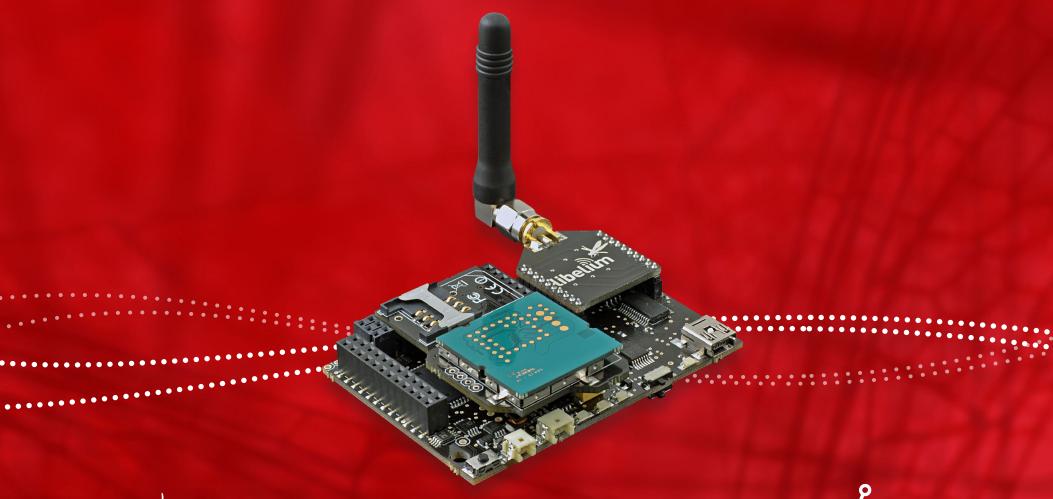
Sensor Compatibility









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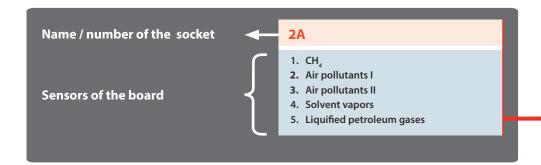


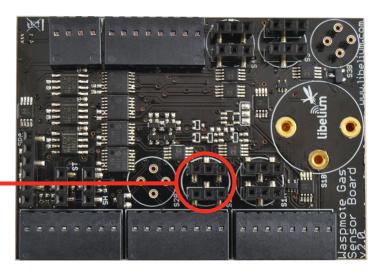
1. Sensor compatibility

This document relates which sensors of the Waspmote platform are connected on each socket of the sensors boards, as long as the special circumstances of each of them.

In next sections all the boards are described separately, enumerating the sensors of the board.

• Example of Sensor Compatibility Scheme:



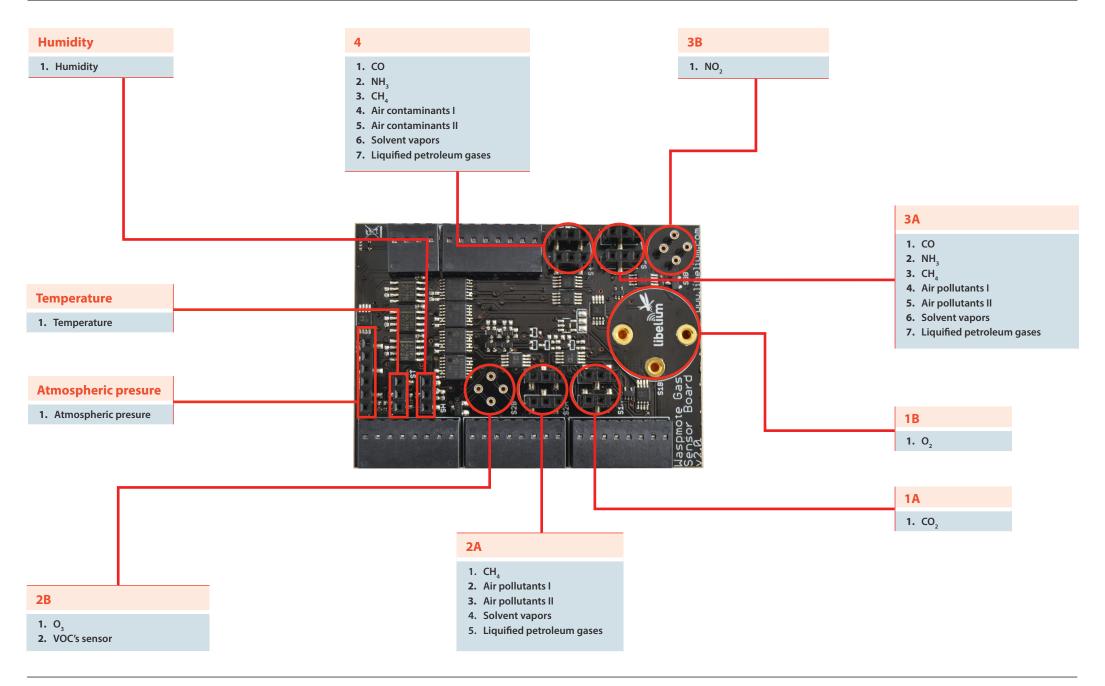


Gases sensor board

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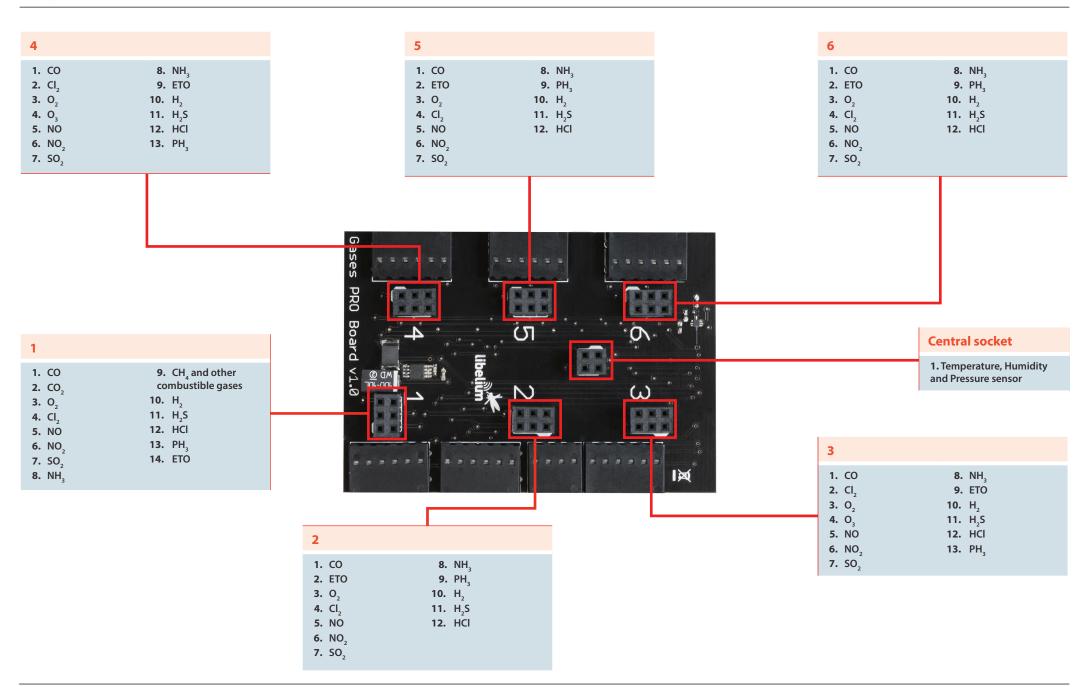




-4- v5.1



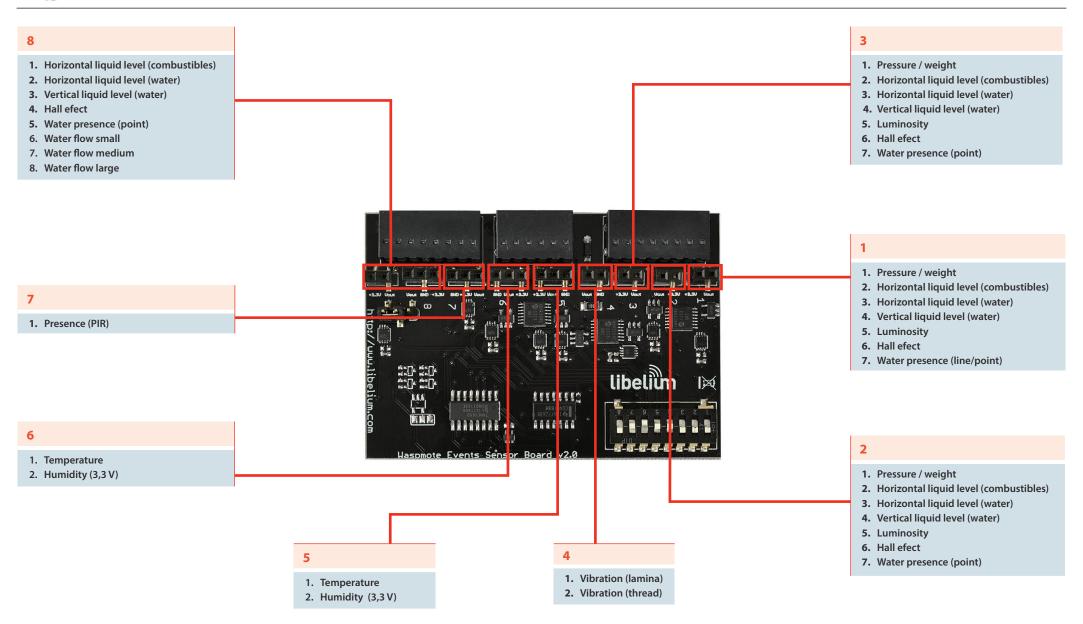
3. Gases PRO sensor board



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4. Events sensor board

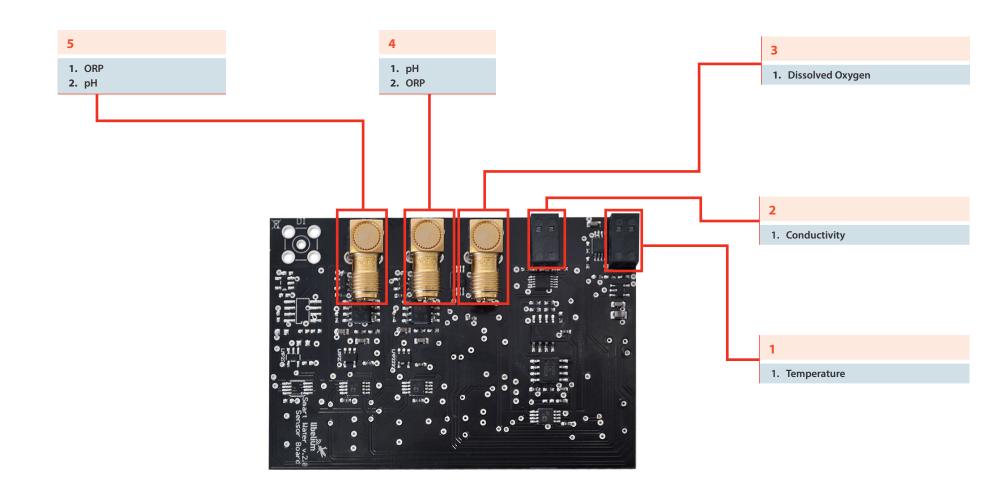


Restrictions and special considerations for this board are described below:

• Sockets 1, 2 and 3 are very similar and its sensors are almost interchangeable.

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• Turbidity sensor kit is available for connection to Waspmote via RS-485 module

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6. Smart Water Ions sensor board

Joenet J	S	0	C	k	e	t	3	
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1.	Ca 2+
2.	F-

3. Cu²⁺ 3. BF, 4. NO, 4. l

1. Br 2. Cl-

5. Ag+

5. Cu²⁺ 6. F 7. l

1. NH,+

2. Br

3. Ca²⁺

4. Cl-

8. Li+ 9. Mg²⁺ 10. NO,

11. NO, 12. CIO, 13. K⁺

14. Ag+ 15. Na⁺

Socket 2

1. Ca 2+ 2. F

1. Br

2. Cl-

4. I

5. Ag⁺

3. Cu²⁺

3. BF, 4. NO, 1. NH,+ 2. Br

3. Ca²⁺ 4. Cl⁻

5. Cu²⁺ 6. F

8. Li+

10. NO,

12. CIO,-

14. Ag+

1. pH

7. l

9. Mg²⁺

11. NO,

13. K+

15. Na⁺

Socket 1

1. Ca 2+ 1. Br 2. F⁻ 2. Cl-3. Cu²⁺

3. BF, 4. NO.

4. l **5.** Ag⁺

4. Cl⁻ 5. Cu²⁺

1. NH,+

2. Br

3. Ca²⁺

1. pH

6. F **7.** l⁻

8. Li+ 9. Mg²⁺

10. NO, 11. NO,

12. CIO,

13. K+ 14. Ag+ 15. Na⁺

Socket 4

1. Ca 2+

2. F

3. BF, 4. NO, 1. Br 2. Cl-

3. Cu²⁺ 4. I 5. Ag+

7. I 8. Li+

12. CIO,

13. K⁺

15. Na⁺

1. pH

1. pH

2. Br 3. Ca²⁺

4. Cl-5. Cu²⁺

1. NH,+

6. F

9. Mg²⁺ 10. NO,

11. NO,

14. Ag+

00000000

Temperature Socket

1. Temperature

Reference Socket

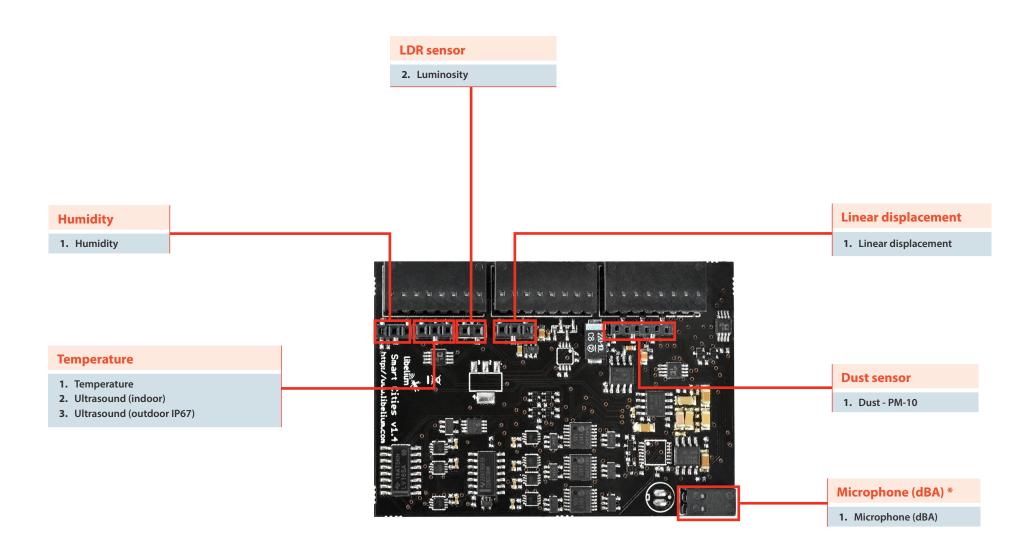
- 1. Single Junction Reference Probe
- 2. Double Junction Reference Probe

- One (and only one) Reference Probe must always be connected in the Reference Socket.
- Sensors in Sockets 1, 2, 3 and 4 must always be of the same type than the Reference Probe (Single/Probe)

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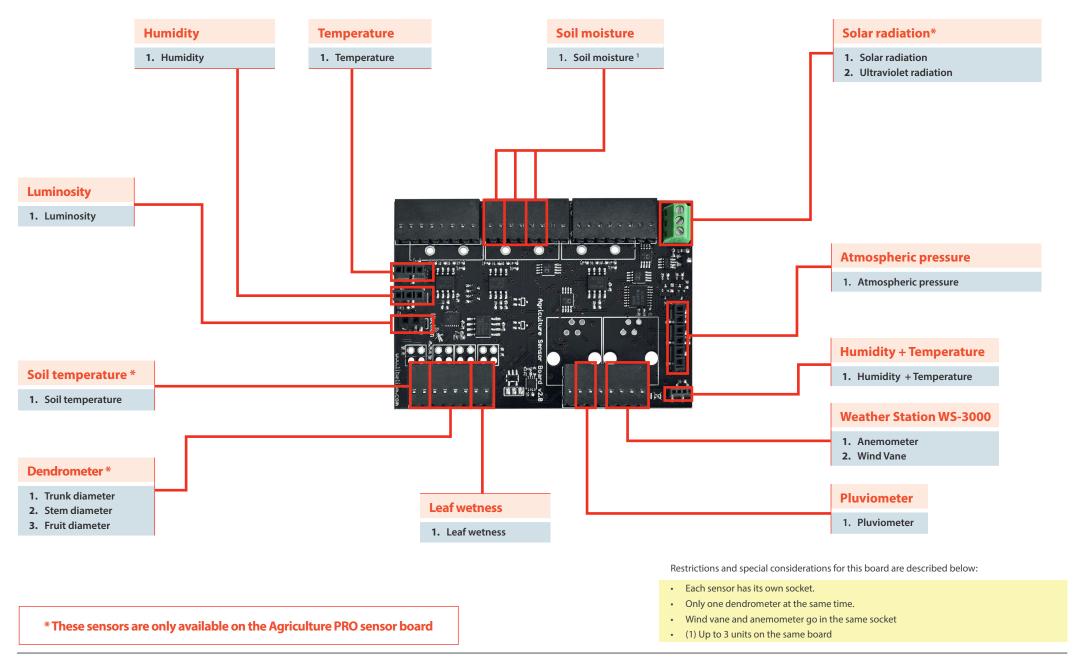
Restrictions and special considerations for this board are described below:

No restrictions.

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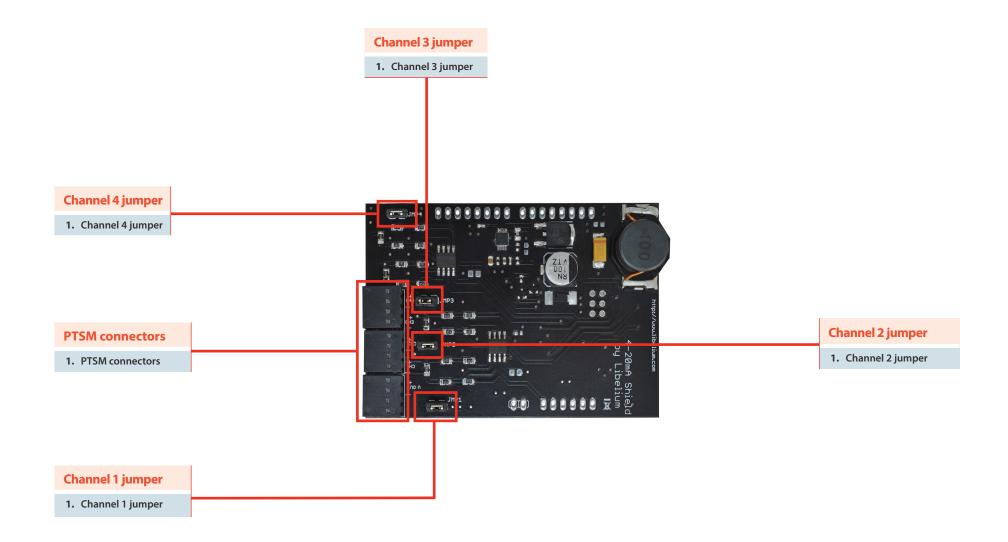


8. Agriculture sensor board / Agriculture PRO sensor board



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This sensor board is compatible with a wide variety of 4-20 mA sensors $\,$