

# LoRaWAN Certification by Similarity

## Case B: *End-Device Certification by Similarity*

### Applicant:

Company: Zhejiang Bove Intelligent Technology Co., Ltd.

Location: Level 5, Building 5, No. 36, Changsheng South Road, Jiaxing, Zhejiang, China

### Positive Assessment:

Dear Sir,

According to LoRa Alliance Certification process description for LoRaWAN devices detailed in the “Certification By Similarity Declaration V1\_1”, the certification by similarity is an option to get the LoRa Alliance Certification.

Based on the information provided by Zhejiang Bove Intelligent Technology Co., Ltd., the device “B97 VPW Valve Control / Prepaid Ultrasonic Water Meter” meets all the requirements specified by the LoRa Alliance, this device is a variant device which design is based on the already LoRaWAN certified device “BECO X Ultrasonic Water Meter”.

According to the documentation provided by Zhejiang Bove Intelligent Technology Co., Ltd. the device under certification, has:

- The same LoRa transceiver
- The same LoRa protocol SW version
- The same MCU Core
- The same Clock design and implementation

than the certified integrated module, and the product’s application software cannot interfere with the execution of the LoRaWAN protocol stack.

Data provided by Zhejiang Bove Intelligent Technology Co., Ltd. complies with LoRa Alliance requirements for certification by similarity.

### DUT information:

Original Certified End-Device		Variant End-Device	
Model Identification:	BECO X Ultrasonic Water Meter	Model Identification:	B97 VPW Valve Control / Prepaid Ultrasonic Water Meter
LoRaWAN Region:	EU868	LoRaWAN Region:	EU868
Supported Class:	Class A	Supported Class:	Class A
Type of DUT:	End Device/Sensor	Type of DUT:	End Device/Sensor
LoRaWAN Version:	1.0.2	LoRaWAN Version:	1.0.2
Hardware Version:	V1.2	Hardware Version:	V1.2
Firmware Version:	V1.1.23	Firmware Version:	V1.1.23
Link of Certification:	<a href="https://lora-alliance.org/lora_products/beco-x-ultrasonic-water-meter/">https://lora-alliance.org/lora_products/beco-x-ultrasonic-water-meter/</a>		

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