

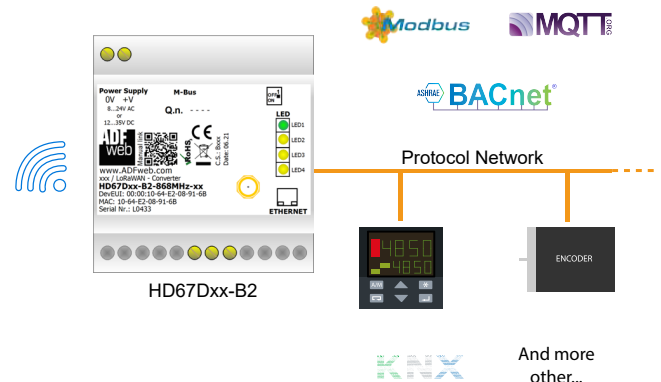
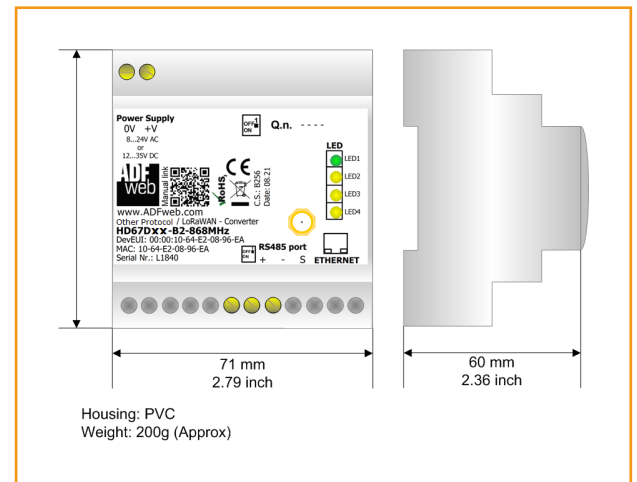
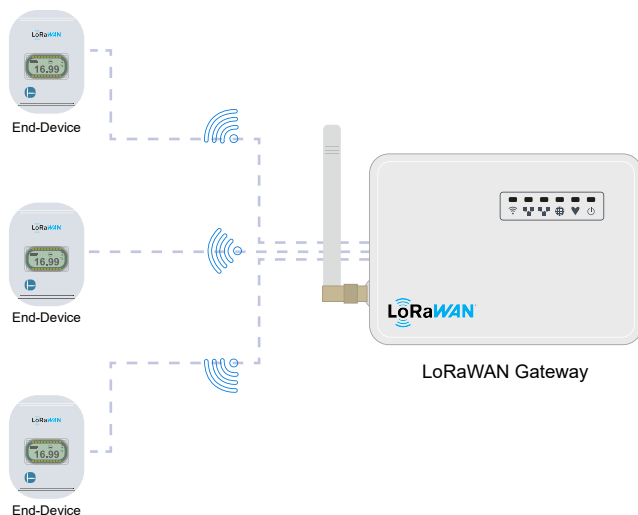
LoRaWAN PROTOCOL

LoRaWAN:

The LoRaWAN® specification is a Low Power, Wide Area (LPWA) networking protocol designed to wirelessly connect battery operated 'things' to the internet in regional, national or global networks, and targets key Internet of Things (IoT) requirements such as bidirectional communication, end-to-end security, mobility and localization services.

LoRaWAN® network architecture is deployed in a star-of-stars topology in which gateways relay messages between end-devices and a central network server.

The wireless communication takes advantage of the Long Range characteristics of the LoRa physical layer, allowing a single-hop link between the end-device and one or many gateways. All modes are capable of bi-directional communication, and there is support for multicast addressing groups to make efficient use of spectrum during tasks such a Firmware Over-The-Air (FOTA) upgrades or other mass distribution messages.



Order Code	Technical data:	HD67Dxx-xx
	Operating voltage:	12V .. 35V DC 8V .. 24V AC
	Max consumption:	4 W
	LoRaWAN frequency:	868 MHz
	LoRaWAN data rates:	0.3 kbps .. 50 kbps
	Mechanical fixing:	35 mm Rail DIN
	Temperature range:	-40° .. +85° C
	Weight:	200 g approx
	Dimensions D x W x H:	95 x 71 x 60 mm

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Id. Tax IT-0385360262

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Treviso - Italy



Quick
PRICE

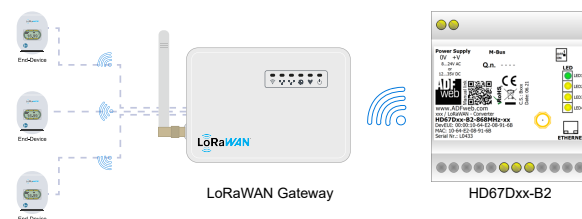


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RESPONSE
(matrix code)

FAQ:

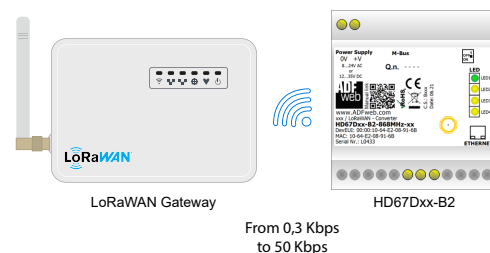
Can the converters talk to LoRaWAN sensors?

Yes, ADFweb.com converters can talk to LoRaWAN sensors through an existing LoRaWAN Gateway that adapts the payloads of the sensors' messages to the ones required by the converters.



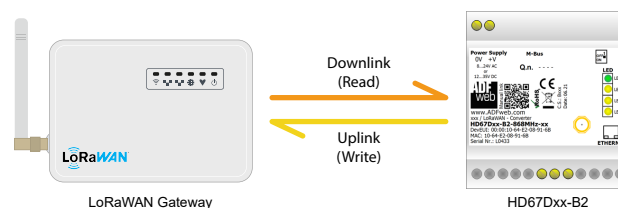
Which datarates do the ADFweb.com converters support?

ADFweb.com converters support all standard LoRaWAN datarates, from 0.3 kbps to 50 kbps. All of them are configurable with free configurator software.



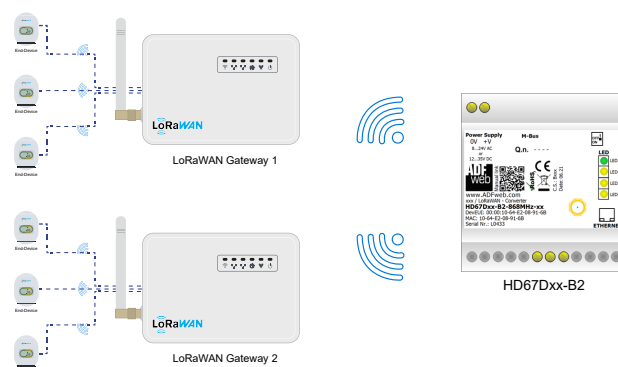
Is the communication two-way?

Yes, it is possible to read and write the data to the LoRaWAN Gateway and to the attached sensors.



Can they communicate with multiple LoRaWAN gateways?

Yes, it is possible to communicate with more LoRaWAN Gateways. The messages will be received by the Gateways that registered the converter in their system.



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