

LoRaWAN Gateway

Bringing the Internet of Things (IoT) Revolution to Agriculture

With the rapid growth of the LoRaWAN platform as a communications medium there is a growing need for reliable Gateways on which to build the network backbone. The Rising HF model RHF2S008 Outdoor Gateway and RHF2S024 Indoor Gateway offer cost effective options for people of all network types and sizes.

RHF2S008 LoRaWAN Gateway

The RHF2S008 is an 8 Channel industrial grade Gateway, capable of operating on any of the sub-bands allocated for the AS923 and AU915 LoRaWAN. The unit couples Rising HF's LoRaWAN modules with a Single Board Computer module. The RHF2S008 is built into an IP68 rated diecast aluminium case, with all external connections made via Mil-Spec connectors.

The standard version is powered via 12V power supply but a PPOE unit is available on order. The unit's low power consumption makes it suitable for operation from a solar power source.

For back-haul, you can choose to connect via either the Ethernet interface or use the internal 4G modem (Aust 4G 700 compatibility will be available in 2018).

It comes pre-installed with drivers for the Lorient system but can be loaded with whatever LoRaWAN packet forwarder you choose to use. There is also plenty of free memory, giving you the option of running an



RHF2S024 Indoor Gateway



The RHF2S024 Indoor Gateway is the ideal unit for anyone wanting to build a small private network. The RHF2S024 is fitted with both Ethernet and WiFi interfaces, making for easy connection to your local PC network.

Power comes from a 12V plugpack and a series of LEDs on the case show the unit's status.

The case is fitted with WiFi and LoRaWAN antennas and the latter can be replaced with a UFL to SMA adaptor which then allows you to fit a suitable external antenna for greater range.

Like the RHF2S008 the unit Packet Forwarder is preconfigured for Lorient but can be quickly re-configured for the LoRaApp Server of your choice.

Part Numbers and Ordering

RHF2S008 Rising HF RHF2S008 Outdoor Gateway for 915 MHz
RHF2S024 Rising HF RHF2S024 Indoor Gateway for 915 MHz

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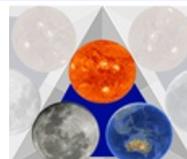
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