



## Key Features

- Up to 32 wireless field devices per expander ✔

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- Bi-directional wireless communication ✔

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- Requires external power supply unit ✔

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- Dual channel and dual path redundancy ✔

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- Long communication range ✔

## Overview

The Wi-Fyre Xenos Expander is compatible with all Xenos wireless intelligent translators and the conventional expander. The unit provides a convenient method to increase radio communication range beyond that possible from a single translator by relaying the radio communication to further expanders or directly to the wireless field devices, allowing to build large fully wireless systems or add wireless devices onto areas where cabling for translators is difficult or impossible.

The expanders are programmable for a redundant path to the translator, so that if any expander in the chain fails, the transmission path can find an alternate route. The redundant paths are identified and tested during system commissioning for maximum reliability. All the wireless communication relies on a channel pair for spurious RF noise rejections and maximum link reliability. All expanders are fully monitored ensuring that the highest levels of life safety are maintained.

## Tech Specs

Operating Frequency	868 to 870 MHz, 14dBm (25mV)
Wireless Range	Approximately 1km open area
Power Supply Range	9 to 30Vdc
Current Consumption	24mA at 12Vdc
Operating Temperature	-10 to +55°C
Humidity (Non Condensing)	90% RH
IP Rating	IP65
Dimensions (W x H x D)	235mm x 160mm x 70mm
Weight	700g

## Ordering Information

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Part Number

Description

10-201

Wi-Fyre Xenos Wireless Expander