



Why choose AirLive?

You might have heard various home automation products that cost less. But why AirLive choose the best performing Z-Wave Plus as the wireless technology?



Battery Life

The Z-Wave Plus technology enables your sensors to have a battery life of 2 to 3 years. WiFi, in comparison, can last only 2 to 3 weeks. Changing battery frequently is not acceptable for most people.

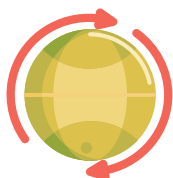
	Z-Wave Plus	WiFi
Battery Life	2 to 3 years	2 to 3 weeks



Reliability

Z-Wave Plus operates in the mostly unused frequency between 800 to 900MHz. WiFi IoT products, in comparison, operate in crowded 2.4GHz spectrum. This might result in unstable connection. Nothing is more important than stability for home security and automation.

	Z-Wave Plus	WiFi
Interference	Low	High
Stability	High	Low



Coverage

Z-Wave Plus uses the low band frequency that can penetrate the wall better. It has maximum distance of 30 meter and can expand much more through MESH network.

	Z-Wave Plus	WiFi
Frequency	Low	High
MESH	Yes	No



MESH



Wall Penetration



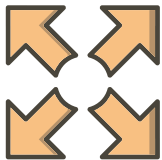
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Maximum Devices

Z-Wave Plus can have maximum devices of 232. Unlike WiFi which gets very unstable when number of devices increases, the Z-Wave Plus is more stable with even large amount of devices.

	Z-Wave Plus	WiFi
Maximum Number of Devices	232	20



Expandability

There is only one single chipset maker for all Z-Wave Plus products. That makes compatibility much easier between Z-Wave products from different vendors. WiFi, on the other hand, has no standard for home automation. So it is nearly impossible for WiFi smart home products from different vendor to work together.

	Z-Wave Plus	WiFi
Expandability	Excellent	Poor



Lost Connection

When you lost Internet connection in the Z-Wave Plus environment. Automation and Alarm will continue to work independability. WiFi, on the hand, rely heavy on Internet P2P connection. So if a WiFi product lost connection to Internet, the alarm and automation will fail to work.

	Z-Wave Plus	WiFi
No Internet	Continue to work	Not working