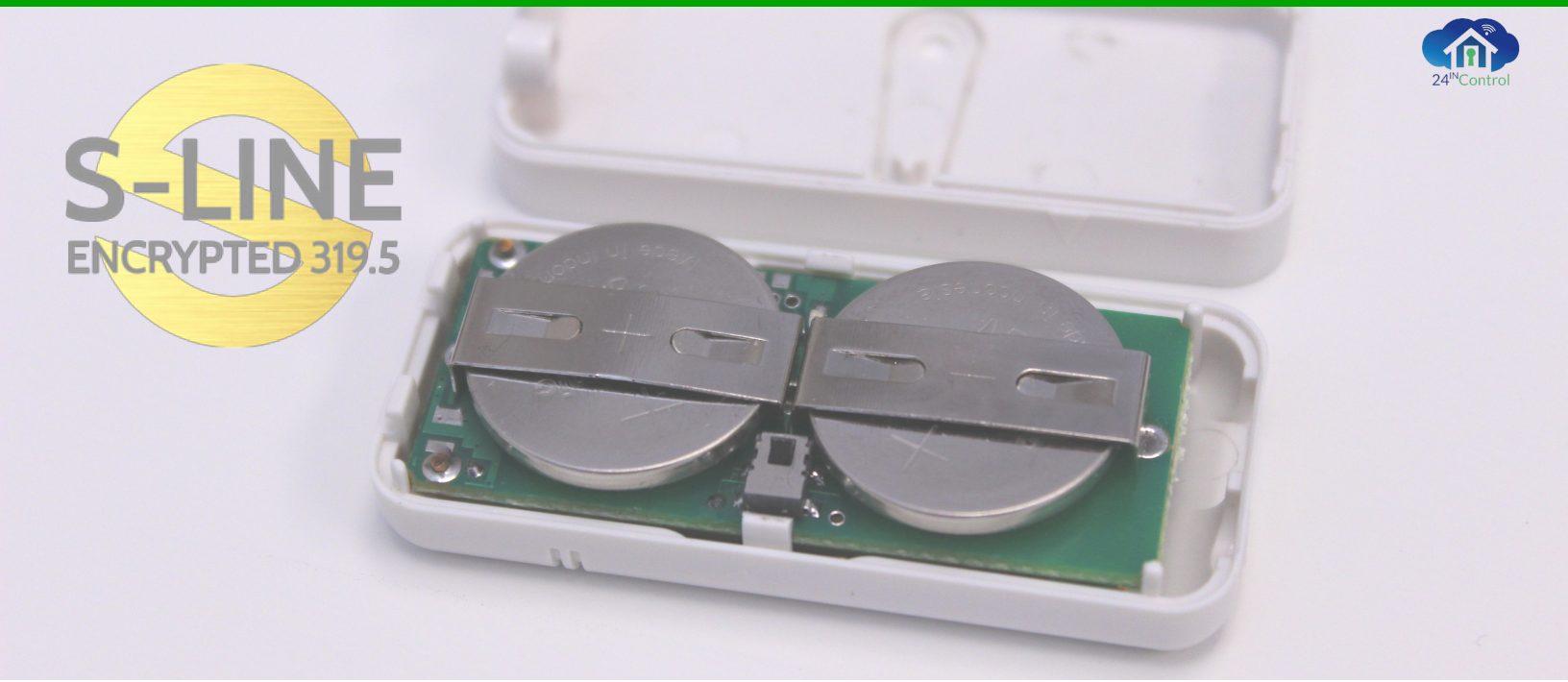
WHAT IS S-LINE?



WHAT IS S-LINE? *(Patent pending, S-Line stands for "Secure-Line")*

S-Line Sensors utilize an advanced encryption scheme between the sensor and the IQ Panel 2 to ensure that sensor event transmissions are always unique, preventing and eliminating common replay attacks*. At time of pairing, S-Line technology passes a unique key which enables the encryption algorithm for unique event transmissions.

-Encryption technology exclusive to IQ Panel 2
-Communicates using a unique key-enabled encryption algorithm
-Prevent replay attacks*
-Backwards compatible with legacy 319.5 systems (Though S-Line sensors would work like normal non-encrypted sensors)

The S-Line product line will continue to grow. Currently Qolsys offers the following S-Line devices:

**A replay attack is when an individual uses an easy to purchase software defined radio or "Listening device" to replay events that were previously sent by devices paired with a security system. Since legacy security radio frequency protocols do not have any encryption they transmit the exact same event information every time. When the system receives the false, replayed event, it takes this as a true event. This is a large and serious security limitation that allows those with access and knowledge of this technology to create false events including KeyFob Disarm, Door Open, Window Open, Motion detected, and more. Utilizing S-Line sensors can prevent the risk of such attacks when using the IQ Panel 2.*

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