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### **General Description**

ADC-IS-100-LP and ADC-IS-100-SL contain a low power transceiver used for communicating with other devices compliant to IEEE 802.15.4. The transceiver uses the unlicensed Short-Range Device (SRD) frequency bands and is controlled by an onboard CPU.

The device adds control and status capabilities to home control and home security.

ADC-IS-100-LP and ADC-IS-100-SL require either a 5V transformer, 3.0VDC batteries or combination of the two, to power the device. The device is equipped with a 915Mhz whip antenna (81.9mm) for the transceiver.