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General Description

The ADC-200M-EVD-ZW contains a Z-wave transceiver used for controlling Z-wave devices in the 900 MHz band. The Z-wave protocol uses the unlicensed Short-Range Device (SRD) frequency bands and has an integrated CPU and RF transceiver.

The Z-wave transceiver adds control and status capabilities to home control, home security monitoring, and home energy management products.

The module also contains a wireless modem that operates in the GSM 850MHz and GSM 1900MHz licensed frequencies in North America.

The device communicates with the host over a serial interface through which it receives data that is sent over the GSM network, and through which it communicates incoming data.

ADC-200M-EVD-ZW requires power from the host equipment in the range of 6 to 12VDC.

The device is equipped with a 908Mhz whip antenna (82.5mm) for the Z-wave transceiver and a 65mm GSM antenna attached at the end of a 6ft coax cable, The part number of the GSM antenna is GEPH-001-6F. During panel installation, a hole is drilled in the wall and the GSM antenna is dropped down behind a wall, at least two feet and up to six feet, from the Z-wave whip antenna.