The CM09XT is a high-performance wireless module designed to provide a complete communications platform for high-end mesh networks. The CM09XT has all necessary functions integrated in hardware and software to build large, robust wireless mesh networks.

The module's hardware consists of an IEEE802.15.4 compliant radio with power amplifier, interface pads for attachment of an off-module antenna and an 8-bit micro controller unit (MCU). The processor handles the embedded software.

Both the communication stack and the customer's application firmware are inside the module. The user application interfaces with the outside world takes place through the IO ports on the module: analog or digital IOs, UARTs and SPI.

Software can be updated through JTAG, ISP, UART or RF interface.

CM09CP Block Diagram

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