RFM

DM2200 Kits
DM2200-434DK
DM2200-916DK

Proprietary Embedded Low Power MESH Developer Kits

Features:
- *Experience wireless mesh networking out of the box, in minutes*
- *Rapidly prototype an application*
- *Quickly test alternative solutions*
- *Design in embedded capability*
- *Design using 916 or 434 MHz*
- *Long range, low power*

Benefits:
- *Speed time to market*
- *Develop an inexpensive solution*
- *Controls risks of new development*

The DM2200 Development Kits give you a way to get a wireless mesh networking application up and running in minutes. The Development Kits are built around the RFM DM2200 Wireless Modules for embedded low power mesh networking applications. With the DM2200-DK Development Kits you can quickly and easily prototype and test an embedded wireless mesh networking solution for your application, in either ETSI-certified 916 MHz frequency for European markets or FCC- and IC-certified 434 MHz for the US and Canadian markets.

The DM2200 Module achieves a range of up to 600 meters outdoors with low power consumption. It is ideal for applications that require long life operation on batteries. Based on the RFM family of low power radios, the DM2200 uses a powerful and versatile mesh networking protocol that can be tuned and optimized for specific applications.

The DM2200-916-DK Development Kit contains everything needed to prototype adding wireless connectivity to your product.

- *Three (3) DM2200 Modules configured as end nodes to connect to your product with serial, analog or digital I/O ports*
- *One (1) DM2200 Module configured as a base station*
- *Four (4) IM2200 Interface Boards that attach a DM2200 Module to provide standard connectors to the DM2200's standard I/O ports for analog in, logic in, logic out, and serial I/O.*
- *Four (4) AC Power Adapters to provide external power for the IM2200 Interface Boards.*
- *Four (4) Battery Packs that can be used to power the IM2200 Interface Board with a connected DM2200 Module without requiring an external power adapter.*
- *One (1) USB Cable to connect the DM2200 base station in an IM2200 Interface Board to a PC via USB.*
- *Quick Start Guide to step you through setting up a working wireless mesh network application in minutes.*
- *Quick Start CD that auto starts in your Windows PC and provides the user interface for your first wireless mesh network application.*
- *Development Kit CD that contains detailed specifications, user guide, utilities, sample programs, application notes, and other documentation.*
- *Technical support is provided with the Development Kit to assist you with the design, development, integration and certification of the DM2200 with your product.*

You can expand your wireless mesh network prototype by adding additional DM2200 Modules, and IM2200 Interface Boards.

DM2200 DeveloperKit