

The DM1810-916MB is the 916.50 MHz base station module in the DM1810 family of RF transceivers. The DM1810 family is designed for adding wireless mesh network connectivity to a wide range of monitoring and control systems. The DM1810-916MB is equipped with a serial I/O port to interface a host microcontroller. Radio communications range in an "open field" environment is typically 600 meters/hop. The DM1810-916MB combines RFM's very low current ASH radio technology with low power microcontroller technology to achieve long battery life. This module is compatible with RFM's miniMESH™ network protocol, which provides add-on "plug-and-play" multicast mesh network routing. The DM1810-916MB is certified for operation under FCC 15.247 regulations.