



DC9021B - SmartMesh IP Starter Kit



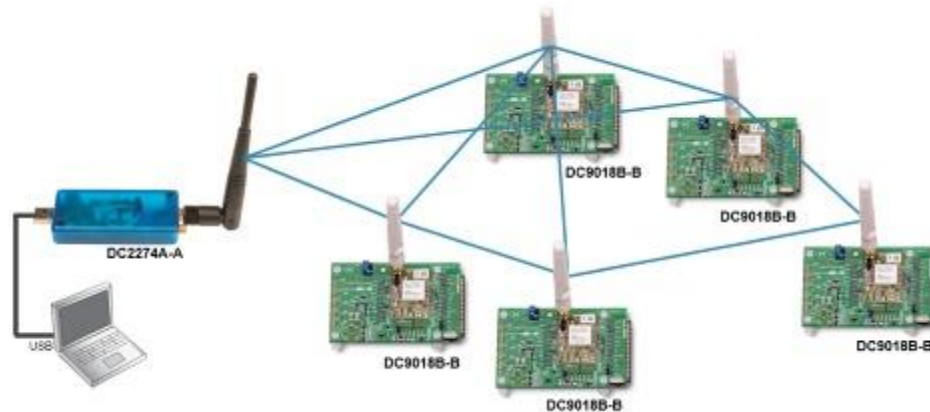
DC9021B Starter Kit Contents

The DC9021B [SmartMesh IP™](#) Starter Kit provides all the tools for evaluating SmartMesh® network performance with respect to your application needs, including high reliability, ultralow power, scalability and ease of installation. This accelerates device integration and application software development.

The DC9021B Starter Kit includes five motes, or nodes (DC9018B-B), to enable you to quickly deploy a multi-hop mesh network in the RF environment specific to your application. The StarGazer evaluation software graphical user interface (GUI) allows you to quickly see the mesh network form, as well as key performance statistics, such as data reliability and latency.

The DC9018B-B Evaluation/Development Mote Modules feature easy-to-probe signal pins. In addition, the starter kit provides access to both manager and mote software

application programming interfaces (APIs) over USB to enable application software development.



Typical Embedded Manager Setup with DC9021B

The DC2274A-A USB Embedded Network Manager comes factory-configured as an embedded network manager, where both the wireless-to-wired access point function and the network management algorithms run on board.

The DC2274A-B USB Access Point Mote enables customers to evaluate VManager, which supports thousands of nodes. (Click [here](#) to learn more about network managers.)

SmartMesh IP Starter Kit – includes the following items:

- One [USB Embedded Network Manager \(DC2274A-A\)](#)
- One [USB Access Point Mote \(DC2274A-B\)](#)
- Five [Evaluation / Development Motes \(DC9018B-B\)](#)
- One [Eterna Interface Card \(DC9006A\), which includes a DC9004 adapter card](#)
- One [Eterna QuikEval Adapter \(DC9005A\)](#)
- Additional CR2032 batteries
- USB Cables