



# SkyeModule Gemini Theory of Operation

The SkyeModule Gemini is a multi-protocol RFID read/write module for use with industry standard 13.56MHz NFC tags. The low profile, small footprint and on-board antenna make the Gemini a plug and play solution for adding RFID technology into new and existing devices and equipment. The reader generates an RF field around its antenna. The RF field gives the tag power, a clock, and a way to transfer data to the reader. The tag modulates the reader's RF field and the reader can detect this.