

RFID System Summary

The RFID system in the Urologix device 5000A consists of a Texas Instruments Transmitter/Receiver Module (S6350) connected to a Skyeread Antenna (EA1) via RG316 Coax cable.

The S6350 module is supplied with 5 volts referenced to earth ground. The coax shield/antenna ground is also earth ground.

When a ISO 156393 transponder is placed in proximity of the antenna, the transponder is noticed and data is able to be received and written to the transponder via RF frequency. Reference the User Guide and Data Sheet for the Texas Instruments S6350 Midrange Reader Module for specifics.

