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## OPERATIONAL DESCRIPTION

FS-GF801, one of FAVITE RFID reader family, is an Intel ATOM CPU based smart reader. The FS-GM801 is embedded with Impinj R2000 chip and compliant with EPC Class1 Gen2 Dense Reader mode (DRM) / ISO 18000-6C. The FS-GF801 is equipped with 8 SMA RF antenna ports which could support 8 mono-static antennas or 4 pairs of bi-static antennas, providing support for the richest enterprise applications. The FS-GF801 is the smartest RFID reader available, capable of running complex RFID applications, delivering faster processing and localized intelligence.

The transmitter of the EUT is powered by 19Vdc from an adapter. The antenna is patch antenna with SMA connector.

For more detailed instruction, please take a look at the user's manual.