

EI916G is an RFID Controller cum Antenna for reading and writing UHF RFID Tags in the **Garments** sector as an On the Table Billing Device that communicate with the Front end Billing System.

It has two USB interfaces.

1. First USB port is connected to the system to draw power and perform like a Human Interface Device.
2. Second USB port is used for configuring the device.

After a successful reading of RFID tags, it will send the data to POS cursor point. Once read the RFID Tag data will be re-written to invalidate the Tag. This can be part of the POS application in **Garments**.



SALIENT FEATURES

- Fast reading and writing processing time; less than one second.
- Visual (LED) and audible (Buzzer) feedback.
- Linux based Embedded.

Technical Data	EI 916 - G
MEMORY	64MB DDR2
STORAGE	128 MB
INPUT POWER	5V USB Powered
CONNECTIVITY	USB 3.0 Host / Device
TAG READ RANGE	On Top of the Device
STATUS LEDS	Red, Green and Orange
AUDIBLE ANNUNCIATOR	Buzzer
AIR PROTOCOLS	EPC Class 1 Gen 2 V2 (ISO 18000-6C) (Upgradable Gen2 V3)
CHIPSET	Impinj E310
FREQUENCY	865-868MHz
CONFIGURABLE	Open 860-960MHz
RF OUTPUT POWER	1dBm - 20dBm (± 1 dB) adjustable
SENSITIVITY	-72 dBm
OPERATING TEMP	-20°C to +50°C
STORAGE TEMP	-40°C to +85°C
HUMIDITY	5-95% non-condensing (+25°C)
WARRANTY	1 year against defective workmanship

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