This all-in-one long range UHF Gen 2 reader/writer is designed for industrial environment.

This long range UHF Gen 2 reader/writer operates in a frequency range from 860MHz to 960MHz. It is compatible with both EPC Class 1 Gen 1 and Gen 2 protocols. This reader/writer has a read/write distance of up to 15m. Its RF power output is from 0dB to 30Db. Developers can find that the reader/writer is an excellent tool for testing and validating applications because they can develop customer specific features based on the FREE SDK that is shipped with the RFID reader/writer.

Key features

- ✓ Antenna compatibility: built-in antenna(12dBi)
- ✓ Antenna connection: none
- ✓ Power requirement: DC + 9V (<3A)
- ✓ Transponder compatibility: EPC Class 1 Gen 1 and Gen 2
- ✓ I/O interface: one digital in

Technical Specifications

Frequency	860MHz to 960MHZ
RF power output	0dB to 30Db (adjustable though software)
Communication interface	RS232, RS485, Wiegand26/34 (RJ45 Ethernet interface is optional)
Read/write distance	Up to 15m (tag dependent)
Technical certificates	CE, FCC
Dimensions	460mm x 460mm x 50mm
Housing	ABS
Operating temperature	-10°C to 55°C
Storage temperature	-20°C to 85°C
Humidity	5% to 80% non-condensing

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