

***The GenTop™ standalone RFID reader/writer is an excellent tool to aid in testing and validating applications designed for use in RFID enabled environments.***

The GenTop™ standalone RFID reader/writer is designed for the desktop. It communicates through and is powered by a USB connection from your PC or laptop. It supports both EPC Class1 GEN 1 and GEN 2 Protocols operating in the UHF 860 to 960 MHz band, supporting both North America and the EU. The GenTop™ Standalone RFID Reader/Writer makes it easy for a small to medium size business to handle anything from meeting government mandates to investigating the potential of RFID labeling for the supply chain. Developers will find the GenTop™ Standalone RFID Reader/Writer an excellent tool to aid in testing and validating applications designed for use in RFID enabled environments.

**Technical Specifications**

Communications Interface	USB interface
Power requirements	Power supplied by USB, 500mW maximum output power
Dimensions	4.5 × 4.5 × 2.0 in (114.3 × 114.3 × 50.8 mm)
Frequency	860 MHz to 960 MHz (UHF-Ultra High Frequency).
Power	30 dBm, 4 W EIRP
Read Write Distance	0 to 4 in
Technical Certificates	ETSI, CE, FCC/EPC Gen2 Certification, ISO/IEC 18000-6C
Housing	ABS
Weight	7.7 oz (220 g)
Operating Specifications	Waterproof and Dustproof: IP40
	Operating Temperature: -20 °C to 50 °C (-4 °F to 122 °F)
	Storage Temperature: -40 °C to 80 °C (-40 °F to 176 °F)
	Humidity: 5% to 80% non-condensing
Transponder Compatibility	EPC Class1 GEN1 and GEN2
Antenna Compatibility	Built in
Additional Feature	Optical sensor for label identification activates automatic reader functions



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