

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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