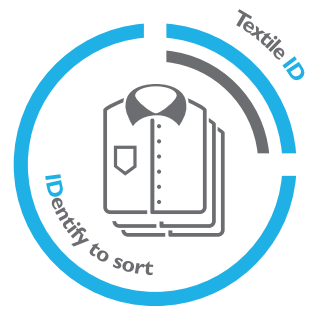


USB UHF RFID READER

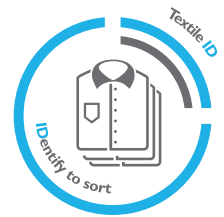


Product Description

The USB UHF RFID reader is an easy to install, unobtrusive reader that allows desktop reading and writing of EPC Global Gen2 tags (a protocol that extends item level tagging capabilities of UHF). The reader is controlled and powered by a host PC or laptop through a USB interface.

Our newest line of UHF microchips delivers read ranges up to ten feet (or three meters) without requiring a direct line of sight. Our UHF solutions can offer RFID to industrial laundries for a lower capital investment than what is typically expected from RFID, and offers better long term ROI than conventional ID systems. We offer customizable, modular UHF portal solutions at the industry's most reasonable price levels and offer consulting services for tailored systems to ensure you reap the benefits from the industrial fabrication expertise you already have in-house.

USB UHF RFID READER



Technical Data

Tag Protocol:	EPCglobal Gen2 (ISO 18000-6C) with anti-Collision and DRM
Antenna(s):	Internal ceramic antenna with an average gain of -2.6 dBi from 860 to 960 MHz
RF Output Power:	Separate read and write levels (into the antenna) are command-adjustable from 10-23 dBm (200mW), +/-1.0 dBm accuracy
Frequency:	FCC 902-928 MHz (Americas) ETSI 865.6-867.7 MHz (EU)
Data/Control Interface:	Physical: USB mini-B connector, with 2' (61 cm) cable terminated in A-type plug Signaling: asynchronous serial interface with 3.3/5V logic levels; baud rates from 9600 to 921,600 bps I/O: Two I/O command controlled LEDs and two I/O command queried switches
External DC Power (required):	DC voltage; 5 VDC (powered by USB interface)
Operating Temperature:	-20°C - +60°C (-4°F - +140°F)
Storage Temperature:	--40°C - +85°C (-40°F - +185°F)
Tag Read Rate:	Up to 190 tags/second
Maximum Read Distance:	Up to 12" (30 cm) depending on tag sensitivity and orien- tation
Warranty:	1 year