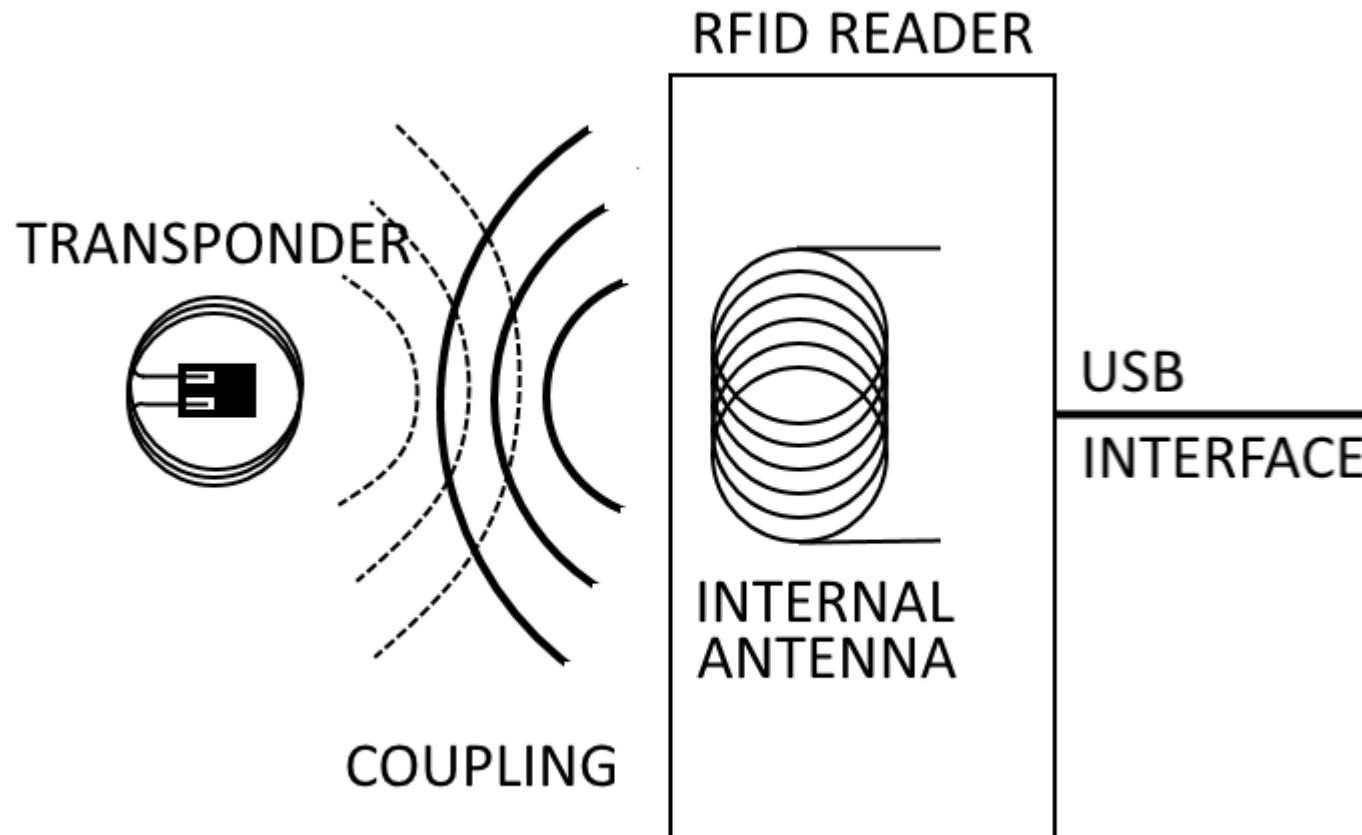


Operational Description - RFID Reader

UDT-100L - 17L/UD/U/H/CS1
ARE DT1 - 17L/A/U/H
UDT-100H - 22L/UD/U/H/CS1
ARE DT1 - 22L/A/U/H

V7IUDT100L
V7IAREDT1LF-1
V7IUDT100H
V7IAREDT1HF-1



For reading a passive transponder, the RFID reader is generating an electromagnetic field. This happens, depending on the operation mode, permanently or when the reader is receiving a command. The electromagnetic field is powering the transponder which is modulating its UID on the excitation field. The reader receives the signal, demodulates the UID and transfers it via USB.