

i-Q310 optional configuration

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The tag i-Q310 are offered with following options

Type	name	description
i-Q310 SET	Sensor tag	Equipped with sensors
i-Q310 DRT	Data rich tag	Equipped with bigger memory
i-Q310 ATR	Asset tag	Low Cost
i-Q310 LPT	Licence Plate tag	Used for licence plate

Because the i-Q310 SET is a superset of the other tags, only this type is tested. More details you will find in the functional description. All four tags have common transponder board, enclosure, battery and antenna.

These four tags have the same FCC ID 004-IQ310 and for Canada IC:3538A-IQ310.

1.1 I-Q310 Tags Overview

Table of hardware configuration

Tag	i-Q310 PCB	Sensor PCB	iQ310-ATN PCB	USB-connector	External Antenna	Internal Antenna	Replaceble battery	User Memory
i-Q310 SET	X	X		X		X	Yes	128kByte +32kByte for sensors
i-Q310 DRT	X			X		X	Yes	128kByte
i-Q310 ATR	X					X	Yes	2kByte
i-Q310 LPT	X					X	Yes	2kByte
i-Q310 CST	X	X		X	X		Yes	128kByte +32kByte for sensors
i-Q310 ATN			X			X	No	2kByte

The table shows the differences of i-Q310 tag family. For testing and certification purposes, i-Q310 SET represents also i-Q310 DRT, i-Q310 ATR, i-Q310 LPT, because it is an superset of these 4 tags. The i-Q310 CST is nearly identical with i-Q310 SET except the external antenna. I-Q310 ATN differs in PCB and enclosure.