



Human Tagging HuTag XC-2 Datasheet



HuTag XC2 RFID UHF Tag

HuTag XC-2 is a comfortable ergonomically designed RFID Tag specifically for use on skin. It combines a broad/long read range with robust, water tight and comfortable case. This allows it to be worn directly against the skin for extended periods of time without discomfort.

HuTag XC Applications

HuTag XC-2 is ideal for timing sports events such as triathlons or muddy running races where other conventional UHF tags simply wouldn't survive the activity.

It's also ideal for patient and inmate tracking applications where it can be locked to the wrist with a suitable strap.

Attachment

The HuTag XC-2 is designed to be comfortable to wear on the wrist or ankle via a neoprene-velcro or a tough waterproof disposable paper strap.

Labels

The Tag can be wrapped in a waterproof label for identification or marketing and branding.

Recommended label size:

24mm * 110mm

The label will wrap around the tag, through the loop holes and stick to itself providing a complete wrapping to the tag.

Product Specifications

Encasement	Durable TPE Material
Read Range ¹	FCC 8 meters horizontal - face on ETSI 6 meters -face on 4 meters vertical
Size (mm)	50.5 x 44.5x 12
Weight (g)	24g
Frequency Range (MHz)	866-868 MHz (EU) 902-928 MHz (US)
Tag inlay	Custom
IC	Impinj Monza R6P
EPC	128bits
User Memory (bits)	64bits
Operating Temperature	-40 to +85°C
Short term max Temperature exposure (minutes, hours)	+100° C
IP rating	IP68
Shock and Vibration ²	MIL 810-F
Attachment	Strap (supplied separately)

1 - Heavily equipment and substrate dependent. Range varies with region.
2 - Product designed to meet MIL STD 810-F 60068-2.

