

## Introduction

Universal Smart Cards' SmarTap® range of products have been designed specifically for use in wearable products and devices to enable payment, provenance or NFC usage featuring highly advanced microprocessor chips for scheme security and cryptography.

Featuring highly secure, fast RFID, our products enable users to purchase goods or services using contactless payment at most EMV point-of-sale terminals, with the same security as debit /credit cards.

Many of our products can have extra features, enabled with just a mobile phone app, that adds further functionality to the brand and unlock future engagement with customers never achievable before with traditional RFID cards.

Our MasterCard certified SmarTap® inlays can be inserted to many items such as key fobs, watch straps, jewellery, wristbands, rings, clothing and many more items.



## Specification

	Alpha	Genus	Quad	Halo	Envision	Micro	Jewel
<b>Part Number</b>	I-STAP-IFX-ALPHA 1.3	I-STAP-IFX-GENUS 1.3 / I-STAP-NXP-GENUS 1.4	I-STAP-IFX-QUAD 1.1	I-STAP-IFX-HALO-n	I-STAP-IFX-FLATn	I-STAP-IFX-MICRO 1.1	I-STAP-IFX-JEWEL 0.2
<b>Dimensions</b>	30mm x 9mm	17.5mm x 13mm	25mm x 10mm (reducing to 6mm)	From: 2mm x ø16.32mm to: 2mm x ø25.43mm	From: 2mm x 53.15mm to: 2mm x 83.11mm	11mm x 11mm	22mm x 0.5mm
<b>Max Thickness</b>	0.87mm	0.77mm	0.87mm	0.72mm	0.72mm	0.87mm	0.8mm
<b>Weight</b>	0.25g	0.22g	0.23g	0.08g	0.08g	0.1g	0.20g
<b>Operating Temperature</b>	-20°C to +80°C						
<b>Storage Temperature</b>	23°C ±3°C						
<b>Storage Duration</b>	12 months from delivery date						
<b>Interface</b>	ISO14443						
<b>Frequency</b>	13.56 MHz						
<b>Environmental Compliance</b>	RoHS, China RoHS						
<b>Mastercard Certification</b>	CLOA-USCA230203-230714(a)	CLOA-USCA230202-230714(a) / CLOA-USCA230205-230714(a)	CLOA-USCA230204-231113(a)	CLOA-DIGI230901-231027(a)	CLOA-DIGI230901-231027(a)	Pending	Pending

PROTOTYPE

## How To Order

Please contact your account manager or our sales department by phone: +44 (0)333 700 0078 or email: [sales@usmartcards.com](mailto:sales@usmartcards.com)