

# INVENGO ON METAL CERAMIC TAG OFFERING

Alien Higgs 3



## About Invengo's RAIN RFID On Metal Ceramic Tag offering

Invengo's diversified and specialized RAIN RFID (UHF) tag product portfolio offers global customers a broad range of options to address the increasing rugged RFID tag demand from various industries. Innovative broadband RFID antenna design enables end-users to reach and sustain consistently high levels of performance in all UHF frequency regions. Invengo's RAIN RFID rugged tags are available in multiple sizes and formats.



Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID (UHF) and NFC (HF) inlays, tags and connectivity solutions utilized in the Internet of Things (IoT). With a focus on RFID innovation, Invengo has created a leading product line in retail, library, (industrial) laundry, pharmaceutical, healthcare, (public) transportation and many other industries.

Invengo Technology Pte. Ltd. (SG) is the International Headquarters of Invengo Information Technology Co. Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 600 people globally, Invengo is one of the largest publicly traded, RFID oriented companies in the world.

## Key Benefits

- High performance for a wide range of industrial and metal asset management applications
- Compact slim design
- IP65 rated
- Serialized TID
- Excellent read range

## Application Areas

- Asset Tracking
- Specialty small metal device tracking
- IT asset tracking

## Ceramic On Metal Tag

### XCTF-2509-FCC

<b>Operating Frequency</b>	902 to 928 MHz
<b>Dimensions</b>	25 x 9 x 3 mm (0.98 x 0.35 x 0.12 in)

### XCTF-2509-EU

<b>Operating Frequency</b>	865 to 868 MHz
<b>Dimensions</b>	25 x 9 x 3 mm (0.98 x 0.35 x 0.12 in)

### XCTF-2525-FCC

<b>Operating Frequency</b>	902 to 928 MHz
<b>Dimensions</b>	25 x 25 x 3 mm (0.98 x 0.98 x 0.12 in)

### XCTF-2525-EU

<b>Operating Frequency</b>	865 to 868 MHz
<b>Dimensions</b>	25 x 25 x 3 mm (0.98 x 0.98 x 0.12 in)

## General Product Specifications

### RFID

<b>Protocols Supported</b>	EPCglobal C1 Gen 2, ISO/IEC18000-63
<b>Integrated Circuit (IC)</b>	Alien Higgs 3
<b>EPC size</b>	96 bits
<b>User Memory</b>	512 bits
<b>TID</b>	64 bits
<b>Access password</b>	32 bits
<b>Kill password</b>	32 bits

### Environmental

<b>Operating Temperature</b>	-25 °C to 55 °C (-13 °F to 131 °F)
<b>IP Rating</b>	65
<b>Attach method</b>	3M 300LSE Tape

XCTF-2509-FCC



XCTF-2509-EU



XCTF-2525-FCC/  
XCTF-2525-EU



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