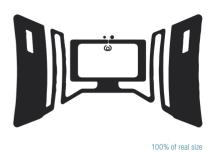


INVENGO BUTTERFLY LARFI



NXP Ucode 8







About Invengo's Butterfly

The Invengo Butterfly tags and inlays, equipped with the NXP Ucode 8 IC's, are designed to enable end-users to reach and sustain high levels of performance in all global RAIN RFID (UHF) frequency regions. Within the area of retail, smart packaging and supply chain management solutions, Invengo's Butterfly tags and inlays can be called one of the best in class.



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

Key Benefits

- · Optimized size for small size hang tags
- Ideal inlay for tagging product boxes
- Serialized TID
- ISO 9001:2008 Quality Management System and ISO 14001:2004 Environment Management System support
- 100% Quality Tested

Application Areas

- Retail
- Supply Chain Management
- Packaging



Product Specifications

RFID

Protocols Supported ISO/IEC 18000-6C

EPCglobal C1G2

Integrated Circuit (IC)NXP Ucode 8Operating Frequency840 to 960MHz

EPC size 128 bits

TID 96 bits serialized number

Access password 32 bits
Kill password 32 bits

Environmental

 $\begin{array}{lll} \textbf{Operating Temperature} & -40^{\circ}\text{C to } 85^{\circ}\text{C (20\% to } 90\% \text{ RH)} \\ \textbf{Recommended} & -20^{\circ}\text{C to } 50^{\circ}\text{C (20\% to } 90\% \text{ RH)} \\ \textbf{Storage Temperature} & -40^{\circ}\text{C to } 85^{\circ}\text{C (20\% to } 90\% \text{ RH)} \\ \end{array}$

Recommended $25^{\circ}\text{C} \pm 2^{\circ}\text{C} (65\% \text{ RH})$

Shelf Life Min. 2 yrs from date manufacturing

in 20°C (68°F) @ 50% RH

Bending Diameter > 50 mm, tension max. 10 N Static Pressure <10 MPa (10 N/mm2)

ESD \pm 2000V peak

Adhesive Acrylic

Data retention 10 years

Endurance 100.000 cycles

Dimensions

Antenna Size (A x B) 50 x 30 mm Die-cut Size (C x D) 55 x 33 mm Web Width (E) 58 mm Pitch (F) 35.98 mm **PET Thickness** 50 µm Antenna Thickness 10 μm Die-cut to edge (G) 1.5 mm Core Size (H) 76.2 mm

Order Information

Product code XC-TF8024-C107+FPI

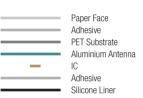
PackagingCarton boxesBox Size265×253×180mm

Weight Please check with Invengo sales

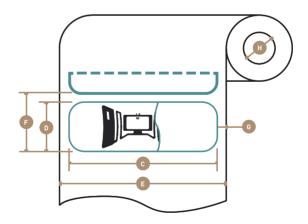
Quantity pc p/roll; roll p/box 2500pcs/roll, 2rolls/box

Inlay Design

Inlay Stackup



Winding / Dimensions



APAC / EME

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