



# 1NCE FLEXSIM

FlexSIM (Full Size) Datasheet & Packaging

Cologne, 2020

# CONTENT

1. Introduction
2. Technical Data Sheet
3. SIM Layout
4. Packaging Method
5. Labelling

## INTRODUCTION

The 1NCE IoT FlexSIM is a standard commercial grade 4in1 SIM. This document provides an overview of the SIM specifications as well as the look and feel of the card and the packaging and labelling.

# TECHNICAL DATA SHEET

## KEY STANDARD COMPLIANCE

- Global Platform 2.3
- ETSI TS 101 220
- ETSI TS 102 221
- 3GPP TS 31.101
- 3GPP TS 31.111
- 3GPP TR 31.900
- 3GPP TR 31.919

## HARDWARE FEATURES

- Ruggedized Form Factors
  - 2FF (Standard SIM)
  - 3FF (Micro SIM)
  - 4FF (Nano SIM)
- Operating Voltage
  - Class A,B,C (1.8V – 5.0V +/-10%)
- Environmental Temperature Range
  - -25°C +85°C

## SOFTWARE FEATURES

- Supported Bearers
  - 2G
  - 3G
  - 4G
  - LTE-M
  - NB-IoT
- Data Retention
  - 10 years
- Read/Write Cycles
  - 500,000

# SIM LAYOUT

Our 1NCE IOT FlexSIM cards are produced in the standard 4in1 format.

On the back of the cards is a lasered barcode and numerical representation of the EAN code and the ICCID.



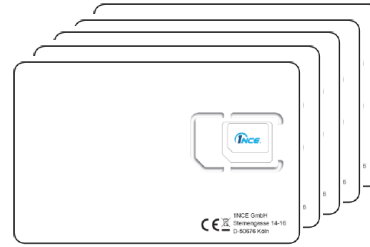
Figure 1: Front and back side of the SIM card

# PACKAGING METHOD

The SIM cards come in 5 different packaging sizes:

- Singles
- 5 packs
- 25 packs
- 100 boxes
- 500 boxes

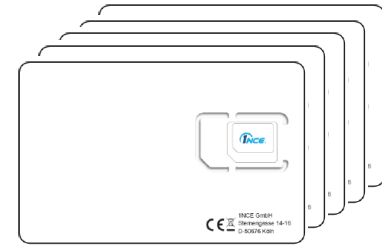
The 5 and 25 packs come in a plastic wrap with a label on the front.



5 SIMs



Figure 2: 5 pack wrap



25 SIMs



Figure 3: 25 pack wrap



# PACKAGING METHOD cont

Both the 100 and 500 boxes have a label on the front of the box and the SIMs are packed in sequence, lowest to highest, according to their ICCIDs.

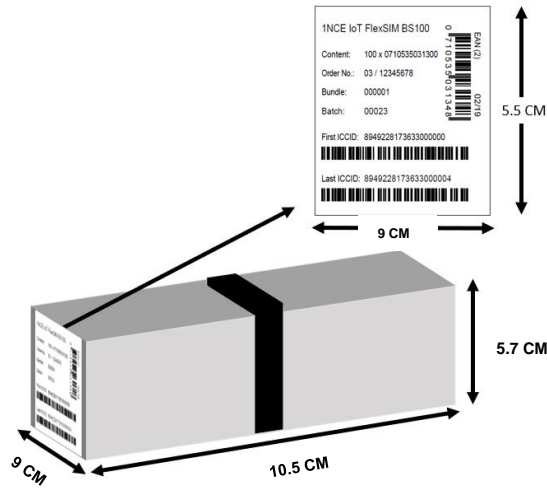


Figure 4: 100 SIM box

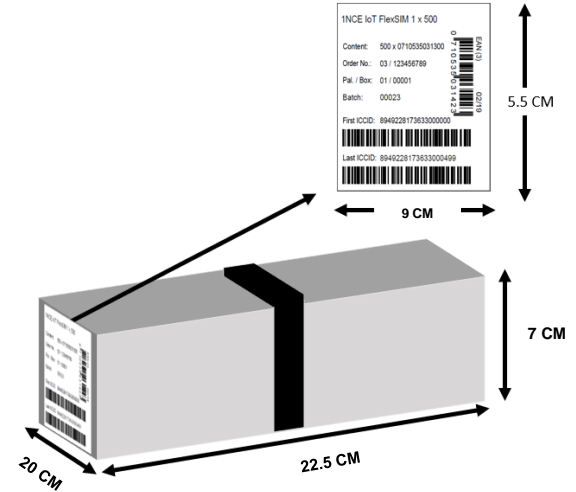


Figure 5: 500 SIM box

# PACKAGING METHOD cont

For orders of 50,000 a pallet will be shipped. This will consist of 100 x 500 boxes. Each box will have its own label and there will also be a pallet label included.

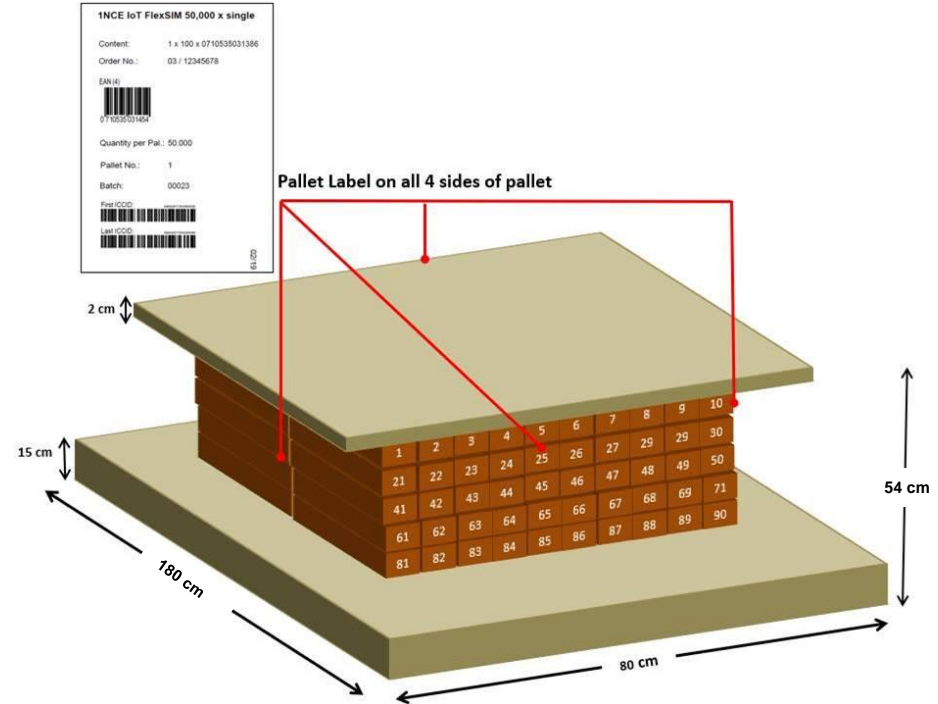


Figure 6: Pallet dimensions

# LABELING



Labels are found on all the individual SKU packages (except singles where the information is lasered onto the card) and also on the pallet. The information includes a scannable first and last ICCID number and EAN code.

## 1NCE IoT FlexSIM BS100

Content: 100 x 0710535031300

Order No.: 03 / 12345678

Bundle: 000001

Batch: 00023

First ICCID: 8949228173633000000



Last ICCID: 8949228173633000004



## 1NCE IoT FlexSIM 5 x 100

Content: 5 x 0710535031348

Order No.: 03 / 12345678

Pal. / Box: 01 / 00001

Batch: 00023

First ICCID: 8949228173633000000



Last ICCID: 8949228173633000499



Figure 7: 100 box SIM label

Figure 8: 500 box SIM label