

**kapsch** >>>  
challenging limits

Kapsch TrafficCom

## ISO 6C Switchable Transponder Two- and Three- Way Versions



Reliable tag for tolling applications featuring a two-way or three-way switch to declare vehicle occupancy.

### Pre-encoding

- Customer specific encoding of all two or three EPCs per 6C TOC standard. Customer to provide serial number and programming data with Purchase Order.

### Personalized label

- Optional - Tag will have a label with the customer logo and/or 1D-128 barcode of that transponder's serial number.

### Technical Features.

- Available in either 2-way or 3-way switch options
- Conforms to ISO 18000-6C, EPC and 6CTOC Standards
- Excellent read performance
- Designed specifically for the tolling market

### Key Benefits.

- Movable between vehicles
- Adapts to local HOV/HOT rules
- Custom label or laser etching printing options
- Fully programmable to latest 6CTOC guidelines

## Product Highlights.

### Device type

UHF RFID / EPCglobal Gen2v2

### Operational frequency

Global 860-960MHz

### IC type

Impinj M4E or NXP UCODE 7XM-2K

### Memory configuration

With M4E: EPC 496 bit; User 128 bit; TID 96 bit

With 7XM-2K: EPC up to 448 bit; User 2k bit; TID 96 bit

### Read range (2W ERP)\*

FCC on glass windshield up to 8.5 m / 27.9 ft

### EPC memory content

- EPC1: Unique number encoded according to customer specification
- EPC2: Unique number encoded according to customer specification
- EPC3: Unique number encoded according to customer specification

### Weight

19 g

### Mounting system

3M Dual Lock™

### Tag materials

High quality engineering plastics

### Delivery Format

Single, in boxes with each box numbered and starting from "1". No box number gaps for the entire order. Each box will have a barcode label on the outside

### Amount in box

200pcs maximum

### Dimensions

102 x 25.4 x 11.7 mm / 4.02 x 1.00 x 0.46 in (3M adhesive thickness not included)

### Operating temperature

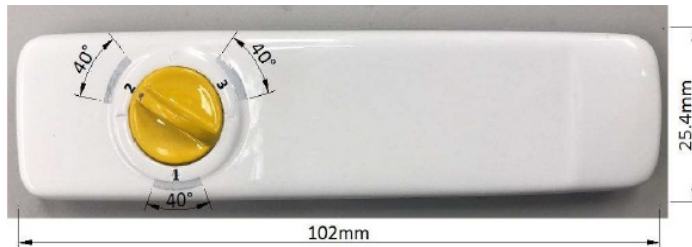
-40°C to +85°C / -40°F to +185°F

### Ambient temperature

-40°C to +45°C / -40° to +113°F

### Expected lifetime

Years in normal operating conditions



## Kapsch TrafficCom

**Kapsch TrafficCom** is a globally renowned provider of transportation solutions for sustainable mobility. Our innovative solutions in the application fields of Tolling, Traffic Management, Demand Management and Mobility Services contribute to a healthy world without congestion. We have brought projects to successful fruition in more than 50 countries around the globe.

With our one-stop solutions, we cover the entire value chain of our customers, from components and design to the implementation and operation of systems. As part of the Kapsch Group and headquartered in Vienna, Kapsch TrafficCom has subsidiaries and branches in more than 30 countries. It has been listed in the Prime Market of the Vienna Stock Exchange since 2007 (ticker symbol: KTCG).

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