

DRIVER ID TOKEN

Bluetooth driver identification for safer, more accountable vehicle operation

A small, low-energy token carried by an authorised driver. When used with a compatible vehicle tracker, the token supports driver identification, unauthorised-movement alerts and automatic immobiliser override.



IDENTIFY

Associates a detected token with the driver using the equipped vehicle.

ALERT

Supports alerts when movement occurs without an authorised token.

AUTHORISE

Can support immobiliser override with a compatible tracker.

Manufacturer specifications

K11 platform used for the Complexus Driver ID Token

Physical specification

Enclosure material	ABS
Colour	Black or white
Dimensions	36 x 36 x 5.6 mm
Weight	10 g including battery
Accessory	3M adhesive sticker
Battery	Replaceable 3 V CR2032 coin cell
Manufacturer-stated battery life	14 months
Ingress protection	IP44
Rechargeable	No; battery is replaceable

Main features

Supported protocols	Apple iBeacon; Eddystone URL; Eddystone UID; Eddystone TLM
Firmware update	Over the air (OTA)
Button / LED	1 button / 1 LED
Sensor / buzzer	Not fitted / not fitted
Optional feature	NFC tag
Advertising modes	Non-connection advertising mode; configuration advertising mode
Recovery	Factory reset supported

Radio and connectivity

Chipset	Nordic nRF52 series
Bluetooth	BLE 5.0
Wireless frequency band	2.4 GHz

Transmit power	-40 to +4 dBm
Manufacturer-stated range	Up to 100 metres in open space; actual range depends on the physical environment
Configuration / display	Beacon gateway or phone application

Programmable parameters

General	Transmit power; advertising period; lock password
iBeacon	UUID; Major; Minor
Eddystone	URL; UID Namespace ID; UID Instance ID

Configuration and defaults

Manufacturer-published values for the K11 beacon platform

Factory default broadcast settings

iBeacon UUID	0x7777772E-6B6B-6D63-6E2E-636F6D000001
Major ID / Minor ID	0x0001 / 0x0001
Transmit power / interval	0 dBm / 1000 ms
Eddystone UID Namespace ID	6B6B6D636E2E636FD01
Eddystone UID Instance ID	0x00000000000001
Eddystone URL	www.kkmcn.com
Eddystone TLM	Battery voltage; temperature; advertisement count; time since power-up

Configuration and operation

Configuration methods	KGateway or configuration application for Android and iOS
Configurable values	Transmit power; advertising interval; lock password; iBeacon UUID, Major and Minor; Eddystone URL and UID identifiers
Advertising modes	Non-connection advertising; configuration advertising
Monitoring	Beacon gateway or phone application
Firmware maintenance	Over-the-air update supported

Environmental limits

Working temperature	-20 °C to +65 °C standard; -30 °C to +70 °C optional
Storage temperature	10 °C to +25 °C at 65% RH or less

Deployment note

Driver ID, alerting and immobiliser functions depend on the paired tracker and its configuration. Validate compatibility and behaviour before operational rollout.

Technical source: KKM K11 manufacturer product information. Confirm figures and defaults for the final supplied configuration.