



# Tracking, Telematics & AI Dashcams



Asset and Vehicle Management Solutions

**Product Guide 2024**



# Lower costs, boost efficiency

Track your vehicles, protect your assets and improve driving standards, the smart(i) way.



## About smart-i®

Introducing smart-i® by Y3K – the next generation of asset and vehicle management, now within easy reach for every business. We've merged cutting-edge, award-winning hardware with a robust cloud platform to offer a solution that's not just advanced, but also surprisingly affordable.

smart-i® is designed for simplicity and effectiveness, offering comprehensive tracking and protection for your assets and fleet. With our intuitive platform, managing your assets and fleet becomes effortless and efficient, empowering you to focus on what matters most – growing your business.

## Start with **Award-winning hardware**

Experience unparalleled performance with smart-i®.



Our comprehensive range of tracking and telematics devices is engineered to deliver reliability and efficiency, earning us acclaim in the industry. Pictured is our full suite of products, each crafted to exceed the demands of modern asset and vehicle management. From robust GPS trackers to advanced AI dashcams, our hardware is the foundation of a smarter, more secure fleet. Choose smart-i® for a winning combination of quality and advanced technology.

# Flexible Software that Grows with your Business

Discover the power of adaptability with smart-i® cloud software – your partner in scalable asset and vehicle management.

Our intuitive platform is designed to evolve in sync with your business needs. Whether you're monitoring a small fleet or managing a vast array of assets, our cloud solution offers real-time data, insightful analytics, and seamless integration.



## AI Dashcams: Intelligence on Board .



Enhance fleet safety with smart-i® AI Dash cams. Beyond recording, they analyse and alert, offering real-time insights into driver behaviour, high-resolution footage, and proactive incident prevention.

## Asset and Fleet Visibility



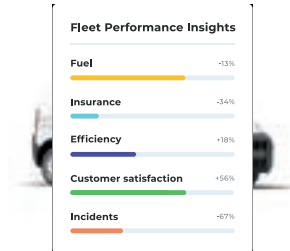
Gain unprecedented clarity with smart-i®. Our tracking solutions provide real-time updates, usage reports, and journey history for every asset and vehicle in your fleet, accessible via our cloud-based platform, empowering you to make informed decisions.

## Drive Productivity Upward



Boost business productivity with smart-i® by streamlining operations and reducing downtime. Our platform offers detailed analytics, performance measurement, and automated workflows, ensuring peak fleet efficiency and turning potential into progress.

## Optimisation: Your Route to Savings



Optimise operations with smart-i®. Our platform fine-tunes fleet performance, maximising route, stop, and idle efficiency. Gain actionable insights on fuel consumption and driving styles, driving cost savings and operational excellence.

## Safety: Ensure compliance



Prioritise safety with smart-i®. Our solutions use advanced sensors and analytics to detect risks, safeguard drivers and assets, ensure compliance, and foster a safety culture throughout your fleet.

## Sustainability For a greener planet



Advance sustainability with smart-i®. Our eco-friendly fleet management approach reduces your carbon footprint, cuts costs, and contributes to a greener planet by operating a more environmentally responsible fleet.

# smart-i® Hardware

## Plug-In Precision for Your Fleet



TI00P  
**4G OBD  
Tracker**  
**£69**

## Covert Tracking, Universal Compatibility



TI00C  
**4G Tracker  
& USB Charger**  
**£89**

## Ultimate Reliability For Assets and Fleets



TI00W  
**4G Wired  
Tracker**  
**£59**

## Rapid, Versatile Tracking on the Go



TI00M  
**4G Portable  
Tracker**  
**£99**

### Features

Easy installation, plugs in to vehicle OBD port

High accuracy GPS receiver

Built-in battery for disconnection alerts

4G high speed modem and dual antennas

Geofence, Overspeed and Driving alerts

Cloud based software + iOS/Android apps

Easy installation, plugs in to 12V accessory socket

High accuracy GPS receiver

Built-in battery for disconnection alerts

4G high speed modem and dual antennas

Geofence, Overspeed and Driving alerts

Cloud based software + iOS/Android apps

2 wire (+/-) or 3 wire (+/-ignition) installation

High accuracy GPS receiver

Wired output for remote immobilisation

4G high speed modem and dual antennas

Geofence, Overspeed and Driving alerts

Cloud based software + iOS/Android apps

Battery powered portable tracker with magnetic base

Operates continuously, periodically, on vibration

62 hours operating time and 7 days standby time

4G high speed modem and dual antennas

Geofence, Overspeed and Driving alerts

Cloud based software + iOS/Android apps

### Specifications

**Network bands**  
LTE-FDD (B1, B3, B5, B7, B8, B20), GSM (900,1800)  
**Satellite support**  
GPS, BDS, GLONASS, GALILEO  
**Input voltage**  
9 to 36V (DC)  
**Operating current**  
29mA  
**Standby current**  
7mA  
**Battery capacity**  
100mAh  
**Battery life (operating)**  
3 hours  
**Battery life (standby)**  
24 hours  
**Operating temperature**  
-20° to 75°C  
**IP rating**  
IP41  
**Dimensions**  
54 x 32 x 34mm (WHD)  
**Weight**  
39g

**Network bands**  
Global (LTE-FDD, LTE-TDD, GSM)  
**Satellite support**  
GPS, BDS, GLONASS, GALILEO  
**Input voltage**  
9 to 36V (DC)  
**Operating current**  
65mA  
**Standby current**  
10mA  
**Battery capacity**  
60mAh  
**Battery life (operating)**  
50 mins  
**Battery life (standby)**  
6 hours  
**Operating temperature**  
-20° to 75°C  
**IP rating**  
IP41  
**Dimensions**  
49 x 26 x 85mm (WHD)  
**Weight**  
41g

**Network bands**  
LTE-FDD (B1, B3, B5, B7, B8, B20), GSM (900,1800)  
**Satellite support**  
GPS, BDS, GLONASS, GALILEO  
**Input voltage**  
9 to 95V (DC)  
**Operating current**  
65mA  
**Standby current**  
8mA  
**Battery capacity**  
100mAh  
**Battery life (operating)**  
1 hour  
**Battery life (standby)** 24 hours  
**Operating temperature**  
-20° to 75°C  
**IP rating**  
IP65  
**Dimensions**  
80 x 15 x 32mm (WHD)  
**Weight**  
36g

**Network bands**  
LTE-FDD (B1, B3, B5, B7, B8, B20), GSM (900,1800)  
**Satellite support**  
GPS, BDS, GLONASS, GALILEO  
**Input voltage**  
5V (DC), 1A, USB-C (for charging)  
**Operating current**  
65mA  
**Standby current**  
8mA  
**Battery capacity**  
3000mAh  
**Battery life (operating)**  
62 hours  
**Battery life (standby)**  
7 days  
**Operating temperature**  
-20° to 75°C  
**IP rating**  
IP65  
**Dimensions**  
39 x 78 x 29mm (WHD)  
**Weight**  
123g

## Advanced Long-Term Monitoring Anywhere



T150M  
**4G Portable Tracker Pro**  
**£119**

## Road Safety Meets AI Vigilance



V100  
**4G AI Dashcam**  
**£179**

## The Ultimate Road Guardian



V200  
**4G AI Dashcam Pro**  
**£489**

## Multi-Camera Flexibility



R100 / R200 / R300  
**4G Multi-Camera AI-powered Systems**  
**POA**

### Features

Battery powered portable tracker with magnetic base

Temperature & Humidity Detection

Light Sensor

129 hours operating time & 3 months standby time

4G high speed modem and dual antennas

Geofence, Overspeed and Driving alerts

Cloud based software + iOS/Android apps

AI-powered Dashcam and Tracker in one unit

Built in G-sensor detects harsh driving and incidents

ADAS for Forward Collision, Forward Proximity & Lane Departure alerts and reporting

Plug & Play (connects to OBD socket) or Professional (3 wire) installation

Dual Camera AI Dashcam with ADAS and DSM

Built in G-sensor detects harsh driving and incidents

ADAS for Forward Collision, Forward Proximity, Lane Departure & Forward Vehicle Start alerts and reporting

DSM (Driver State Monitoring) for Distraction, Fatigue and Smoking alerts and reporting

Plug & Play (connects to OBD socket) or Professional (3 wire) installation

Multi-camera systems with up to 12 cameras

Hybrid – Analogue only, IP only or mixed cameras

AI-powered ADAS and DSM (Driver State Monitoring)

Built-in G-sensor detects harsh driving and incidents

2MP/5MP/4K Recording Resolution

Wide choice of Monitors and Cameras

FORS, CLOCS, DVS, PSS, MOIS options

### Specifications

#### Network bands

LTE-FDD (B1, B3, B5, B7, B8, B20), GSM (900,1800)

#### Satellite support

GPS, BDS, GLONASS, GALILEO

#### Input voltage

5V (DC), 1A, USB-C (for charging)

#### Operating current

70mA

#### Standby current

4mA

#### Battery capacity

10000mAh

#### Battery life (operating)

129 hours

#### Battery life (standby)

3 months

#### Operating temperature

-20° to 75°C

#### IP rating

IP65

#### Dimensions

63 x 92 x 36mm (WHD)

#### Weight

290g

#### Network bands

LTE CAT4 (B1, B2, B3, B5, B7, B8, B20, B28A)

#### Satellite support

GPS, GLONASS, BDS, A-GPS

#### Input voltage

10 to 32V (DC), 2A

#### Power consumption

750ma/12V 9W

#### Video resolution

Main Camera: 1080P or 720P

#### Memory

8GB eMMC built-in, supports up to 128GB MicroSD (64GB included)

#### Operating temperature

-20° to 65°C

#### IP rating

IP41

#### Dimensions

122 x 95.5 x 15.5mm (WHD)

#### Weight

212g

#### Network bands

LTE CAT6 (B1, B2, B3, B4, B5, B7, B8, B20, B28, B38, B40, B41)

#### Satellite support

GPS, GLONASS

#### Input voltage

12 to 24V (DC), 1.5A

#### Power consumption

6W

#### Video resolution

Main Camera: 1080P or 720P,

Second Camera: 1080P or 720P

#### Memory

16GB eMMC built-in, supports up to 256GB MicroSD (64GB included)

#### Operating temperature

10° to 55°C

#### IP rating

IP41

#### Dimensions

82 x 126 x 64mm (WHD)

#### Weight

232g



# smart-i® Software – Intelligent management of assets and fleet



## Standard

Affordable tracking software  
with support for AI dashcams.

**£4.99 / month**



## Professional

Professional telematics software  
with advanced reporting.

**£9.99 / month**



## Apps

Cloud based software  
+ iOS/Android apps.

**Free with Standard  
& Professional**

In the ever-evolving landscape of fleet management and asset tracking, the demand for a unified, intelligent system is more pressing than ever. smart-i® Software offers just that – a powerful, user-friendly platform that provides comprehensive control at your fingertips. Our innovative software allows you to integrate seamlessly all aspects of fleet management and asset tracking into a single intuitive interface, tailored to streamline your operations, boost productivity, and maximise performance.

Gain real-time insights and manage your vehicles and assets with precision and simplicity. Whether you're overseeing a single asset or vehicle, or coordinating an extensive fleet, our platform provides bespoke solutions to meet your specific needs. smart-i® Software is not merely about data collection; it's about delivering actionable intelligence that enables you to make informed decisions promptly and with confidence.

Join the multitude of satisfied clients who have revolutionised their operations with smart-i® Software – where intelligent technology meets outstanding management.

**To compare smart-i® Standard and Professional features see [www.smart-i.com](http://www.smart-i.com)**



## 1 Tracking & Visibility

- Live Location** View assets and vehicles in real-time on a map.
- Historical Data** Access up to 3 months of location history.
- Time Stamps** Each location point is precisely time-stamped.
- Data Refresh** Enjoy frequent updates for real-time tracking.
- Downloadable Reports** Export data for offline analysis.
- Data Filtering** Narrow down info with filters like date or type.
- Multiple Tracking** Monitor several assets simultaneously.
- User-Friendly** Navigate easily with an intuitive dashboard.
- Real-Time Alerts** Get notifications for geofence activity.
- Geofences** Set up unlimited geofence zones.

## 2 Control

- Multi-Device Alerts & Variety** Receive and monitor various alert types on desktop and mobile.
- Custom Alerts & Remote Control** Tailor and manage remote immobilisation alerts.
- Safety & Immediate Action** Ensure safe practices with quick command execution.
- User-Friendly & Logs** Manage intuitively and track compliance.
- Driver Allocation & Flexibility** Assign drivers and make fleet amendments easily.
- Updates & Overview** Seamless operations with a comprehensive view.

## 3 Driver & Vehicle Safety

- Instant Notifications** Receive SOS alerts from drivers instantly.
- Panic Button** Easy alert initiation by drivers.
- Multi-Network SIMs** Ensure connectivity with multi-network SIMs.
- Priority Handling** SOS alerts receive immediate attention.
- Geo-Location Data** Alerts include precise location details.
- User-Friendly** Alerts displayed clearly on the platform.
- AI-Driven Scoring** Grade drivers using AI for safety.
- Performance Indicators** Monitor key driving metrics.
- Comparative Analysis** Evaluate driver performance comparatively.

## 4 Efficiency

- Live Temperature Monitoring** Track real-time temperature in vehicles.
- Temperature Alerts** Get alerts if temperature exceeds limits.
- Temperature Reports** Detailed temperature trend reports.
- Fuel Consumption Tracking** Monitor real-time fuel usage.
- Fuel Efficiency Analytics** Analyse and improve fuel efficiency.
- Fuel Cost Reports** Understand fuel spending patterns.

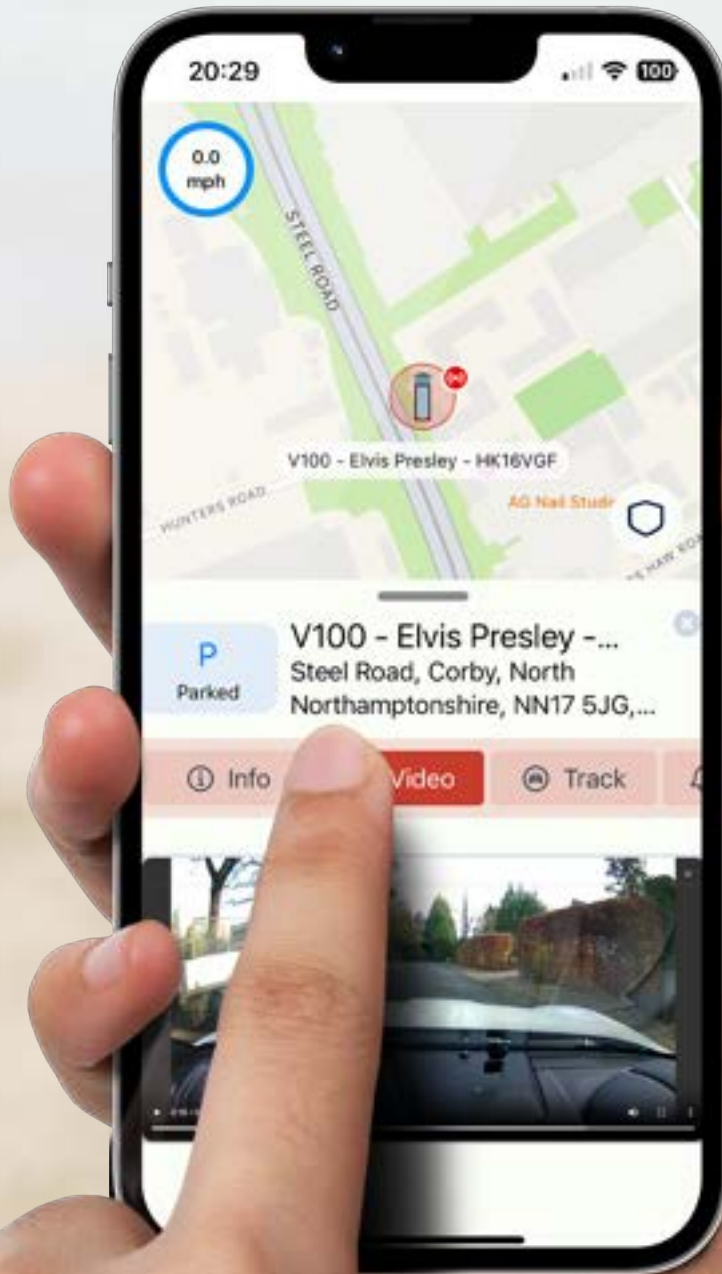
## 5 Video Telematics & AI

- Live Video Feeds** Access real-time camera footage.
- Historical Playback** Review past recordings for insights.
- Event-Triggered Alerts** Notifications for specific events.
- Lane Departure Alerts** Warnings for lane drifts.
- Forward Collision Warnings** Alerts for close proximity.
- Safe Distance Monitoring** Real-time following distance feedback.
- Event Logging** Log events for analysis and reporting.
- Driver Distraction Alerts** Detect and alert driver distractions.
- Fatigue Detection** Notify if driver shows fatigue.
- Immediate Feedback** Real-time driver alerts for correction.

## 6 Management & Reporting

- Comprehensive Reporting & Business Efficiency** Access a wide range of reports to boost efficiencies.
- Customisable Reports & Easy Access** Tailor and retrieve reports quickly for decision-making.
- Data Integration & Report Types** Integrate detailed reports for a holistic view.
- Graphical Data & Personalised View** Visualise data and customise the dashboard.
- One-Stop Dashboard & Updates** Access all data in one place with real-time updates.
- Team Collaboration & User Flexibility** Share views and add users effortlessly.
- Role-Based Permissions & Secure Access** Assign access securely.
- Management & Environment** Simplify management and promote collaboration.

# smart-i<sup>®</sup> Apps - Putting



# you in control 24/7



**smart-i® Cloud for iOS and Android devices.**



**View assets & vehicles live and playback historical trips.**



**Setup geofences and receive alerts when assets or vehicles leave or enter them.**



**Protect your assets & vehicles with One Touch Shield® and receive instant alerts if they are moved.**



**View live video from dashcams and recorders.**



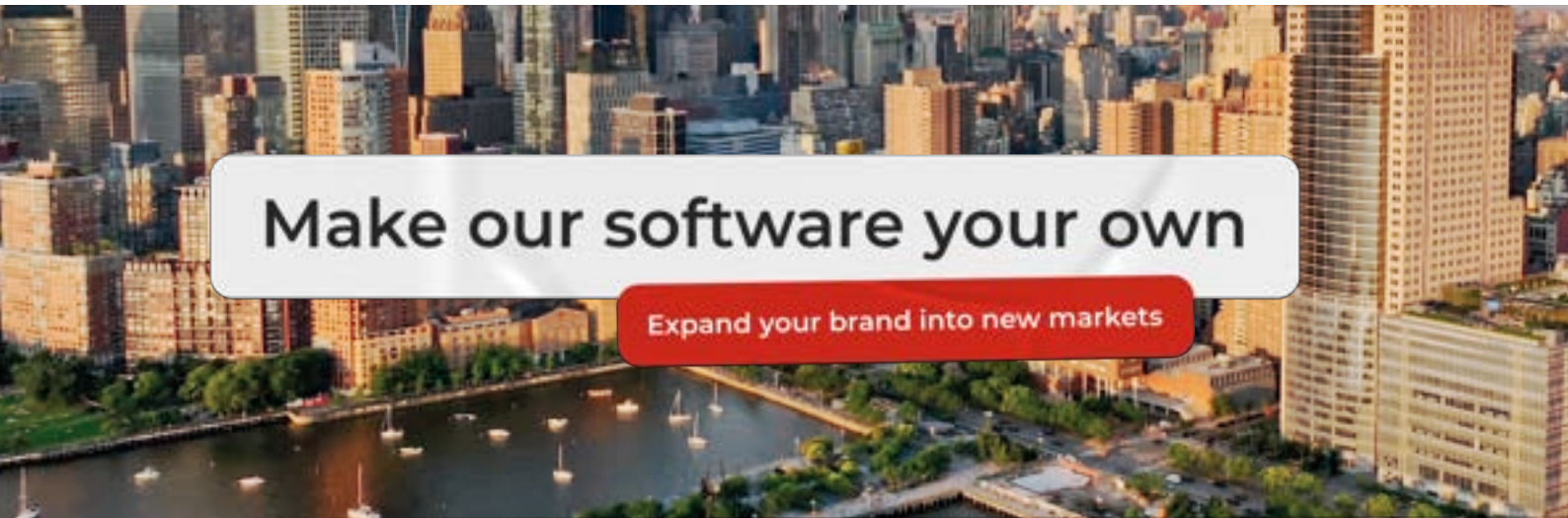
**Receive alerts and notifications for panic button presses, speeding, driving events and more.**

For even more flexibility and powerful features, smart-i® Professional is supplied with the following additional apps:



See [www.smart-i.com](http://www.smart-i.com) for further details.

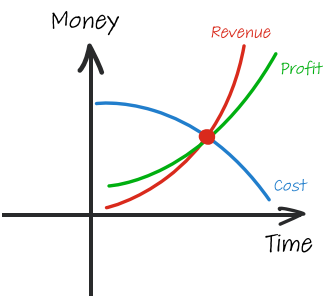
# White-Label



## Effortless Brand Integration

Transform smart-i®'s advanced platform into a seamless extension of your brand identity.

Our white-label solution empowers you to present a cohesive brand experience to your customers, with a platform that is customisable to your company's visual identity, enhancing your market presence and fostering client trust.

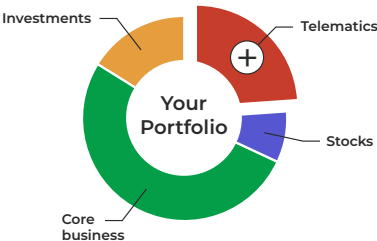


## Market-Ready Out of the Box

Launch your branded software swiftly, bypassing lengthy development cycles. With our white-label solution, your business gains a market-ready product, tested and user-approved, without incurring the costs and delays of building from the ground up.

## Pioneer New Horizons with smart-i®

With smart-i® white-label solutions, explore new markets and diversify your product line. Our robust platform and versatile hardware positions you at the forefront of the burgeoning tracking and telematics sector, ready for growth and innovation.



## Financial Freedom and Stability

The smart-i® white-label programme is your ally in securing a robust financial future. As you tap into the telematics market's potential, you're building a sustainable source of revenue that supports your business's growth and stability. smart-i® is more than a technology provider; we are partners in establishing a stable, recurring revenue stream that can serve as the foundation for your business's long-term financial planning.

# Bespoke Solutions



## Your Vision, Our Expertise

Bring your unique software ideas to life with smart-i® bespoke development services. Our team of experienced developers works closely with you to create custom solutions tailored specifically to your operational needs. From unique analytics tools to specialised tracking features, we turn your ideas into functional, innovative software.



## Seamless System Integration

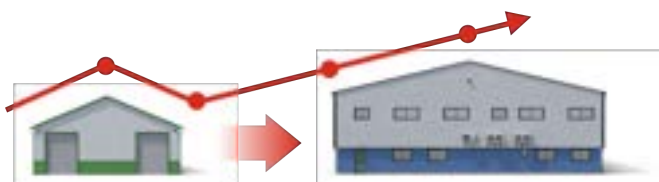
Our bespoke solutions are designed for flawless integration with your existing systems and processes. We understand the importance of a unified operational flow and ensure that our custom software enhances and complements your current technological ecosystem, delivering a seamless user experience.

## Universal Compatibility

Experience the ultimate in flexibility with smart-i®'s device-agnostic platform. Already integrated with over 100 devices, our system welcomes new additions, allowing for quick and comprehensive integration. Whether you're incorporating existing hardware or exploring new tech, our platform adapts to your specific needs, ensuring a seamless, fully integrated solution for your tracking and telematics operations.



## Evolving with Your Business



As your business grows and evolves, so should your software. Our bespoke development services are not just a one-time solution but an ongoing partnership. We are dedicated to adapting and updating your custom software in line with changing business strategies, market conditions, and technological advancements, ensuring long-term relevance and efficiency.

# smart-i<sup>®</sup>

A division of Y3K<sup>®</sup>



**Y3K Europe Limited**  
Airport House,  
Purley Way, Croydon  
CRO OXZ

**T:** 020 8689 9999  
**E:** sales@y3k.com

[smart-i.com](http://smart-i.com)

