



Product Overview

The KIN Indoor Navigation System provides real-time, interactive wayfinding within complex indoor environments through intelligent route calculation, dynamic visual guidance, and multilingual support. Designed for public buildings, commercial facilities, and structured parking environments, the system enables users to efficiently locate destinations, services, and parked vehicles using QR-based positioning and intuitive touch-based map interaction.



Features

- Intelligent indoor route calculation between selected points of interest
- Interactive digital directory for destinations, facilities, and service points
- QR code-based starting point identification and route initiation
- Vehicle location recall using QR codes and alphanumeric zone identifiers
- Multi-touch gestural control for panning, zooming, and map rotation
- Animated visual route guidance with highlighted paths and pulsing markers
- Bilingual user interface support (Arabic and English)
- Dynamic light and dark theme support
- Centralized content management dashboard for map data administration
- Multi-platform system support

Specifications

Parameter	Value
Navigation Type	Indoor
Route Calculation	Yes
QR Code Support	Yes
Vehicle Recall (Parking)	Yes
Gestural Control	Multi-touch
Visual Route Guidance	Animated paths with markers
Language Support	Arabic (AR), English (EN)
Theme Modes	Light / Dark
Content Management System	Yes
Multi-Platform Support	Yes
Positioning Technology	<ol style="list-style-type: none"> 1. Fixed starting locations (Kiosk, QR Codes) 2. Bluetooth Beacons (BLE) 3. Wi-Fi Positioning
Map Data Format	.dwg files
Network Requirement	<ul style="list-style-type: none"> • Internet Coverage (for mobile/ system connection) • Bluetooth Beacons (BLE) (Optional) • Wi-Fi Positioning (Optional)
Offline Mode Support	Yes – using Kiosk
Maximum Map Size	Open



Electrical & Environmental

- Input Voltage: 110/220 V AC for Kiosk
- Power Consumption: 300 Watt
- Operating Temperature: 10 – 50 °C

Ordering Information

Position	Designation	Description	Options
1	Base Model	Product Identifier	KIN101 – Indoor Navigation System KIN102 – Indoor Navigation (Parking / Car Finding)
2	Deployment Type	How the system is installed or accessed	Local Server/ Cloud based
3	Platform Type	Type of device or interface supported	Mobile App (iOS / Android) Kiosk / Touchscreen Web Browser Digital Signage
4	Localization	Positioning technology used to determine location	Options: 1. Fixed starting locations (Kiosk, QR Codes) 2. Bluetooth Beacons (BLE) Wi-Fi Positioning
5	Theme Mode	Visual appearance or user interface theme	Light Mode Dark Mode Custom Branding (Colors / Logo / Style) Different language supported (AR/EN)