INTELLIGENT TECHNOLOGY SOLUTION

Results validity is from **May 2026** onwards.

A. BASIC FEATURES

#	Items	Minimum Requirements (I)		Score	Additional Requirements 1 (II)	Score	Additional Requirements 2 (III)	Score
1	Trip History Data	Min. stored month	3 months	✓	>3 months to 1 year	–	More than 1 year	–
2	Real-time Tracking	Yes	Available	✓				
3	Map	Source	Closed source	✓	Open source	–	Open source with latest update	✓
4	Geofence	Yes	Radius geofence	✓	Polygon geofence	✓		
5	Geofence Alert	Yes	System alert	✓	Notification (SMS, WhatsApp, Call, etc.)	–	Push Notification	✓
6	Vehicle Status	Yes	Parked, Driving, Idling	✓				
7	Engine ON / OFF Detection	Yes	System alert	✓	Report available	✓		
8	Overspeed Detection	Yes	Available	✓	Report available	–	Configurable	✓
9	Overspeed Alert	Yes	System alert	✓	Notification (SMS, WhatsApp, Call, etc.)	–	Push Notification	✓
10	Built-in / Offline Memory	Min. mins	Last 15 mins	✓	>15 to 60 mins	–	> 60 mins	✓
11	Backup Battery	Min. hours	1 hour	✓	>1 to 24 hours	✓	> 24 hours	–
12	Sim Card Network	Yes	2G	✓	4G fall back 2G	✓	Roaming	–

For any related inquiry, kindly email to:
✉ **cvu@miros.gov.my**

A. BASIC FEATURES (cont'd.)

#	Items	Minimum Requirements (I)		Score	Additional Requirements 1 (II)	Score	Additional Requirements 2 (III)	Score
13	Device Connectivity Support	Yes	4G	✓				
14	Device Multilingual Support	Yes	English	✓	Other language	✓		
15	User Manual	Yes	English	✓	Other language	✓		
16	Warranty Period	Yes	Min. 12 months/ based on subscription	✓	> 12 months	–		
17	Customer Service	Min. operation hours	Mon – Sun: 0900 – 1900 (Local)	✓	24 hours, 7 days per week	✓	Physical Control Centre Available	–
18	OS Compatibility	Yes	Web	✓	Apps	✓	Mobile View	✓
19	Trip Report	Yes	Coordinates, Local time zone, Speed	✓	Driving duration, rest duration	✓		
20	Data Transmission Interval	Yes	1 minute	✓	30 second to <1 minute	–	< 30 seconds	✓
21	Harsh Acceleration	Yes	Available	✓	Report available	–	Configurable	✓
22	Harsh Acceleration Alert	Yes	System alert	✓	Notification (SMS, WhatsApp, Call, etc.)	–	Push Notification	✓
23	Harsh Braking/Crash Detection	Yes	Available	✓	Report available	–	Configurable	✓
24	Harsh Braking/Crash Detection Alert	Yes	System alert	✓	Notification (SMS, WhatsApp, Call, etc.)	–	Push Notification	✓

B. ADDITIONAL FEATURES

#	Items	Minimum Requirements (I)		Score	Additional Requirements 1 (II)	Score	Additional Requirements 2 (III)	Score
1	Tow Detection	Yes	Available	✓				
2	Panic/ Emergency Button	Yes	Available	–	SMS / WhatsApp	–		
3	Apps Multifactor Authentication/ Security	Yes	OTP, Security PIN	–				
4	SOP on Technical Problem	Yes	Solved in 3 business days	✓				
5	Device Service Records	Yes	Installation, Renewal, Diagnosis, & Warranty Records	–				
6	Driver Identification	Yes	Tracking device comes with driver ID	–	Report (according to driver)	–		
7	Certification	Yes	SIRIM & CE	✓				
8	Immobilizer	Yes	Available	✓				
9	Tampered Alert	Yes	System alert	✓	Notification (SMS, WhatsApp, Call, etc.)	–	Push Notification	✓

Note:

✓	Yes
–	No
	No requirement

Company	: **INTELLIGENT TECHNOLOGY SOLUTION**
Report validity	: **May 2026 – Apr 2028**
Device name	: **ITS-R12L**
Package	: **ITS iTrack System**

2026	★★★★

C. SCORE DISTRIBUTION

A. BASIC FEATURES		B. ADDITIONAL FEATURES		TOTAL SCORE
3.341	+	0.825	=	4.17

D. MARKING EVALUATION

Final Points	Star Rating
4.50 – 5.00	★★★★★
3.75 – 4.49	★★★★
3.00 – 3.74	★★★
2.00 – 2.99	★★
1.25 – 1.99	★

★ Assessment was conducted on 22 April 2026. Assessed and reported by MIROS (EL, MS).

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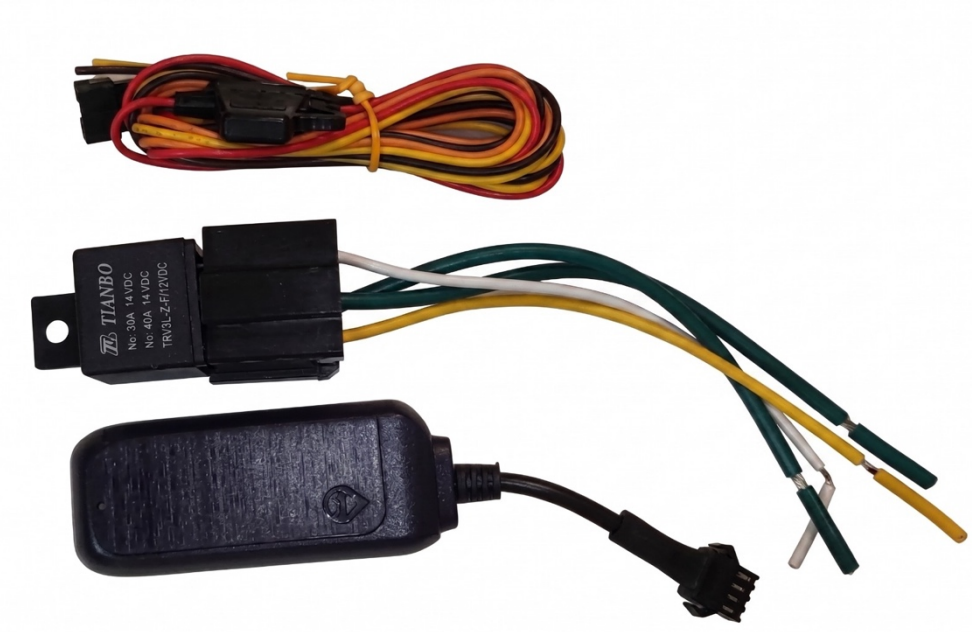

PRODUCT OVERVIEW

INTELLIGENT TECHNOLOGY SOLUTION ITS-R12L, ITS iTrack System

ITS-R12L is a versatile global 4G CAT1 vehicle tracking device supporting GPS/BDS dual positioning technology. It achieves microsecond-level positioning accuracy with low latency data transmission. Equipped with over ten alarm mechanisms, it provides comprehensive vehicle protection and is suitable for various applications such as car loans, logistics, and anti-theft for electric vehicles.

The GPS tracker offers real-time tracking with rapid updates. Users can easily monitor vehicle activity, set alerts, and generate custom reports through a user-friendly interface available at www.itrack.top. Data can be accessed from Mac or PC, and mobile users can download the iTrack app from the App Store (iOS) or Google Play Store (Android).

Constructed with a heavy-duty IP65 waterproof shell, the device is capable of functioning in environments with humidity levels between 5% and 95%, as well as in temperatures up to +70°C. This durability makes it suitable for challenging conditions.

Key features include vibration alarms, real-time tracking, low battery alerts, remote fuel cut-off and power control, power failure notifications, over-speed alarms, ACC detection, track playback, and remote OTA updates.

The ITS-R12L device is ideal for fleet and asset management across multiple industries. It is widely used in logistics, public transportation, and construction management, helping organizations efficiently manage their vehicles and assets.