HI MONITORING SYSTEM

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:
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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

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TRACKSCORE ASSESSMENT RESULTS

TrackScore MIROS MALAYSIAN INSTITUTE OF ROAD SAFETY RESEARCH ASEAN ROAD SAFETY CENTRE

Company : **HI MONITORING SYSTEM.**
Report validity : **May 2026 – Apr 2029**
Device name : **LY-M24**
Package : **STANDARD**

2026	★★★

C. SCORE DISTRIBUTION

A. BASIC FEATURES		B. ADDITIONAL FEATURES		TOTAL SCORE
2.545	+	0.825	=	**3.37**

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 20 April 2026. Assessed and reported by MIROS (MS, AS).

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PRODUCT OVERVIEW

HI MONITORING SYSTEM LY-M24, STANDARD.

The LY-M24 is a reliable GPS device for real-time vehicle tracking and fleet control. A key feature of the system is real-time monitoring, allowing live tracking of vehicle location, status, and activity at any time. This helps businesses improve visibility, safety, and daily operational control. It supports ignition detection, showing whether a vehicle's engine is on or off. This enables automatic trip tracking, recording start and end times, as well as how the vehicle is being used. It also monitors driver behaviour, including idling and harsh driving.

The system provides real-time alerts for events such as speeding, collisions, unexpected vehicle usage, and prolonged stops. For added security, a remote cut- off feature allows authorized users to disable a vehicle remotely in cases of theft or unauthorized use. With geo-fencing, virtual boundaries can be set to trigger alerts when vehicles enter or leave specific areas. It also includes vehicle dispatch and approval processes, helping assign tasks efficiently while maintaining control over vehicle usage.

A strong focus is placed on reporting and data analysis, turning real-time data into clear, actionable insights. Detailed reports cover trips, driver performance, fuel usage, costs, and maintenance, supporting better decision-making, improving safety, and reducing operational expenses.
All operations are managed through a centralized platform with modules such as dashboard, monitoring, scheduling, trips, alerts, reporting, performance analysis, maintenance, cost and fuel management, and system controls. Data is displayed in real time, with detailed reports and analysis to support better decision- making, improve safety, and reduce operational costs.
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