	LARK-1S Series product upgrade notification	
	LARK-1S Series: 009-2025-001	Rev. 1
	Date: Aug 12, 2025	page 1 of 2

LARK-1S Series Product Upgrade Notification

Dear Valued Customers,

We sincerely appreciate your continued support and confidence in our products. To continuously enhance product performance and service quality, we are now upgrading the LARK-1S Series, which will be officially renamed as the all-new LARK-1Q Series. Key details are outlined below:

I. Instructions:

Original Product: LARK-1S Series.

Upgraded Product: LARK-1Q Series.

II. Reasons:

Due to the discontinuation of two critical electronic components in the LARK-1S product series, we are implementing a product upgrade to ensure supply chain stability and sustained performance optimization.


III. Benefits:

The LARK-1Q series outperforms the LARK-1S series in performance, reliability, and compatibility. Specific details can be referenced in the figure below:

Model Parameters	LARK-1SM CO2 10000PPM	LARK-1QM CO2 10000PPM	Remarks
L*W*H(mm)	126*60*34	126*60*34	Overall dimensions are the same
Communication Method	RS485	RS485	The output signal is identical
Baud Rate	19200	115200	The baud rates differ, but all are adjustable
Resolution(@200 ppm)	1 ppm	0.7 ppm	The LARK-1Q has a lower resolution
Reading Refresh Rate	4 Hz	16 Hz	The LARK-1Q features an elevated refresh rate
2000 ppm Concentration Error	±10 ppm	±5 ppm	LARK-1Q delivers superior accuracy with minimized errors
10000 ppm Concentration Error	±80 ppm	±60 ppm	

IV. Service:

Service for the original LARK-1S series products (including warranty and technical support) will continue under existing policies without modification.

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	Date: Aug 12, 2025	page 1 of 2

If you have any inquiries or require further details about the LARK-1Q series, please do not hesitate to contact us. We sincerely appreciate your continued support and remain committed to delivering enhanced products and services.

Suzhou Promisense Electronic Technology Co., Ltd.
Date: Aug 12, 2025

