

SmarTone Supports KMB in Advancing Smart Mobility with 5G and Innovative Technology

Real-time Bus Capacity Analysis Enhances Riding Experience

(Hong Kong, 5 September 2023) SmarTone partners with Kowloon Motor Bus (KMB) to launch Hong Kong's first smart solution that applies image analysis systems in buses. By leveraging 5G, artificial intelligence, machine learning and IoT technologies, it provides real-time information on passenger occupancy, advancing the goal of smart transportation. KMB passengers can now access real-time information through the mobile application "App1933" and check the number of remaining seats in the upper deck by viewing the "On-Board Occupancy Display" installed in the lower deck of buses when boarding, enhancing the public transportation experience.

Currently, SmarTone has installed overall bus capacity and remaining upper deck seat display systems in over 2,300 KMB buses. The smart devices installed near bus doors and in the upper deck can accurately collect passenger boarding and alighting data, which is transmitted to the cloud via high-speed and ultra-low latency 5G network for real-time bus occupancy analysis. The system also provides real-time statistics of the upper deck's remaining seats, which will be displayed on screens next to the lower-level staircases.

Passengers can simply open the KMB mobile application "App1933" to easily view the approximate occupancy of upcoming buses in a visual format, enabling them to plan their journeys more effectively. Upon boarding, passengers can first check the display screen before deciding whether to go upstairs for seats, minimising movement during travel. This 5G smart solution also enables KMB to access real-time passenger information, improving operational efficiency and fleet management.

Furthermore, the 5G bus pioneered by SmarTone and KMB in Hong Kong has now been expanded to over 2,300 buses. Passengers can connect to SmarTone's high-quality 5G network and enjoy high-speed seamless web surfing experience during their commute through free 5G Wi-Fi service on the bus. SmarTone 5G also enables real-time bus computer system and component performance monitoring, facilitating maintenance and repair schedules for the fleet to further improve service quality and safety.

Looking ahead, SmarTone and KMB will continue our collaboration to introduce more innovative technological applications to enhance fleet management, aiming to create a better smart mobility experience for the people of Hong Kong.

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Photo Description:

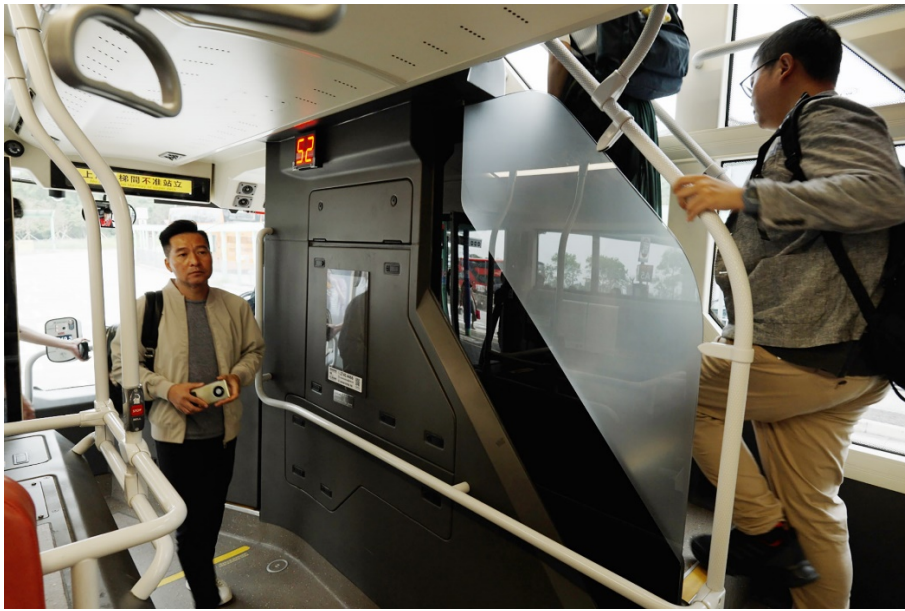


Photo 1: Passengers can check the number of remaining seats by viewing the display.



Photo 2: 5G bus has now been expanded to over 2,300.