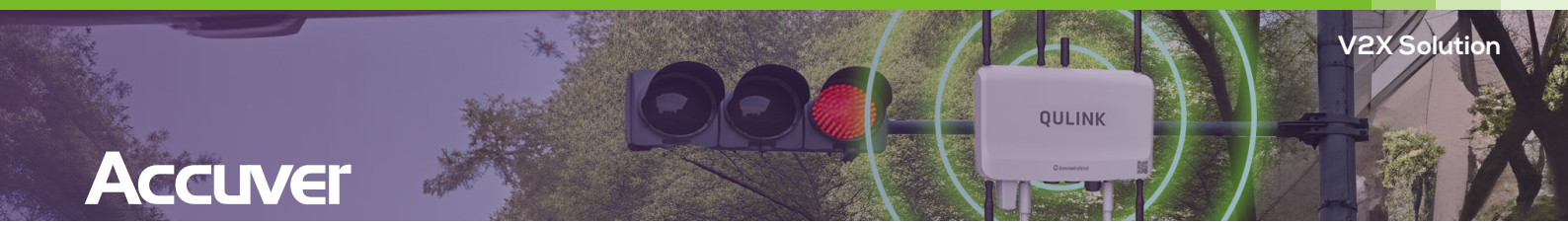


Accuver

QULINK - OBU On-Board Unit

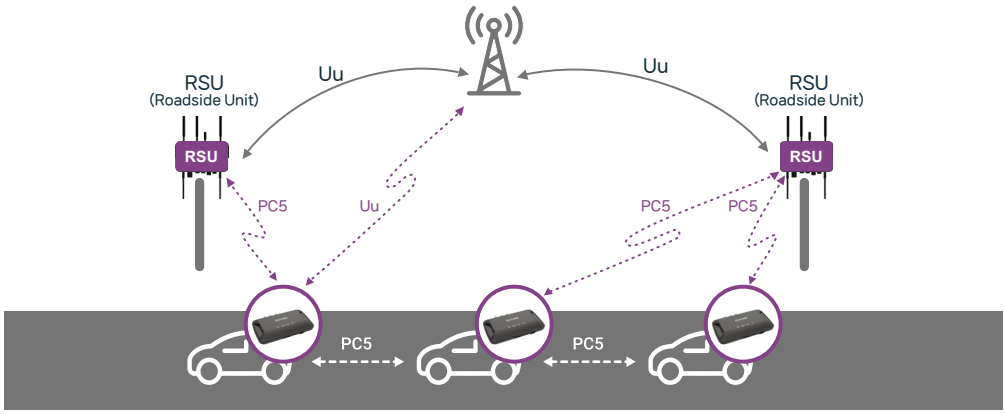
An On-Board Unit (OBU) is a device installed in a vehicle that enables communication between the vehicle and external systems, such as road infrastructure or other vehicles. The OBU plays a crucial role in facilitating data exchange for various applications, including traffic management, navigation, and safety systems.

Features

* Compact C-V2X signal transmitting and receiving devices installed in vehicles
* Perform V2X communication with the surrounding environment (e.g. vehicles, RSUs, pedestrians)

Functions

* **Communication** : Exchanges data with RSUs and other vehicles.
* **Data Handling** : Receives and sends traffic and vehicle information.
* **Navigation** : Provides real-time traffic updates and route guidance.
* **Safety** : Issues warnings about potential hazards.
* **Traffic Management** : Helps improve traffic flow and reduce congestion.



Item	Specification	Note
CPU	i.MX series	Cortex-A55(Up to 1.7GHz) Cortex-M33
Memory	LPDDR4 8GB /eMMC 8GB	
Security	W/ ECDSA Block	
Debug	UART 4PIN	For Debug (UART x 1)
C-V2X/DSRC	C-V2X : 23dBm / DSRC : 20dBm	B47
5G NR/LTE	23dBm (TBD, 4x2 MIMO)	For Korea (n77/B1/B3)
Wi-Fi/Bluetooth	Internal chip antenna	2.4/5G Hz
Power	Red	
Status	Green	V2X
		LTE/5G NR
		Wi-Fi/Bluetooth
Size	138.5 x 81 x 30.7 (W x H x D, mm)	W/O Accessories
Operating	-30 ~ +65℃	
Storage	-40 ~ +85℃	