

# AIM-68S Vehicle Docking Station



## Features

- Compatible with 9 ~ 32 V<sub>DC</sub> in-vehicle power supply
- Easy and instant single-handed docking and undocking
- Anti-theft locking mechanism
- Programmable function keys
- High-density connectors
- Compliant with IEC60068-2-64 for vibration and IEC60068-2-27 for shock tolerance
- Safe and reliable design for vehicle applications

## Specifications

		Fully Configured Unit	Charging Dock Only
I/O	High-Density Connector	1 x CAN bus (supports raw CAN, J1939, OBD-II/ISO 15765) with configurable firmware 5 x Digital inputs 1 x Odometer (supports dry and wet contact) with configurable and switchable firmware (default wet contact) 2 x Digital outputs (supports speed pulse) 1 x RS-232 (4 wire) 1 x RS-232/485 (2 wire) (default RS-485, termination enabled) 1 x USB 2.0 1 x Power input 12 V 1 A	1 x Power input 12 V 1 A
GPS	GPS Extended	1 x External GPS antenna (Only for AIM-78S model which have GPS/LTE Function)	N/A
Function Keys		5 x Programmable function keys	N/A
Key Lock		Anti-theft key lock (key can be removed)	N/A
Power	Input Voltage	Supports 12/24 V vehicle power (9 ~ 32 V <sub>DC</sub> input range)	
Mechanical	Dimensions (W x D x H)	226 x 83.08 x 250.24 mm (8.9 x 3.27 x 9.9 in)	
	Weight	0.77 kg (1.70 lb)	
Environment	Operating Temperature	-10 ~ 50 °C (14 ~ 122 °F); 0 ~ 40 °C (32 ~ 104 °F) for charging	
	Storage Temperature	-30 ~ 80 °C (-22 ~ 176 °F)	
	IP Rating	IP54	
	Vibration/Shock	IEC60068-2-64 for vibration and IEC60068-2-27 for shock tolerance	
	Safety	UL, CB, LVD, CCC	
	Vehicle Power Regulation	E-Mark, ISO7637-2	
	Certifications	CE, FCC, CCC	

## Ordering Information

Part Number	Description
AIM-VED0-0422	AIM vehicle docking station (full configuration)
AIM-VED0-0423	AIM vehicle docking station (charging only)
1700026766-01	High-density cable
1700027666-01	Vehicle power cable (In-house engineer testing only)
1700027665-01	Vehicle power cable (vehicle battery)

## Packing List

Item	AIM-VED0-0422	AIM-VED0-0423
1	1 x Vehicle dock (advanced I/O)	1 x Vehicle dock (charger only)
2	1 x Vehicle power cable (vehicle battery)	1 x Vehicle power cable (vehicle battery)

## Dimensions

Unit: mm

