

Automotive Communication Module

This car module is designed for automotive applications, integrating advanced communication technologies and processing capabilities. Its compact design meets automotive industry requirements, ensuring reliable performance and durability within a vehicle.



Overview

High-Performance Automotive Connectivity

This advanced automotive communication module is engineered for demanding vehicular environments, supporting critical LTE-V2X connectivity and multi-constellation GNSS positioning. With a robust design capable of operating in extreme temperatures and high humidity, it provides reliable data processing and communication capabilities. The module is compatible with multiple operating systems, including Android, Linux, and Windows, making it a versatile choice for modern automotive integration.

Technical Specifications

Dimensions	27 x 32 x 2.8 mm
Weight	6 g
Package Type	233-pin LGA

Connectivity & Performance

Supported GNSS

Beidou • GPS • Glonass • Galileo

Antenna Configuration

- 1 x GPS
- 1 x Primary LTE-V
- 1 x Diversity LTE-V

Network Standards	LTE-V2X, 5.9GHz
Frequency Bands	B46D/47

System & Memory

Memory Configuration

4 Gb Nandflash	2 Gb DDR
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Supported Operating Systems	Android, Linux, Windows
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Environmental Conditions

Operating Temperature	-40 to 85°C
Storage Temperature	-40 to 90°C
Operating Humidity	5% to 95%