

LightSpeed™ R36

Omni-Directional Communication System



The LightSpeed™ R36 unit is the latest generation of the Optical Communication system providing IP based Ethernet network and voice connection between vehicles. Each communication node utilizes an array of IR LEDs and an omnidirectional receiver capable of providing a 360° communication link.

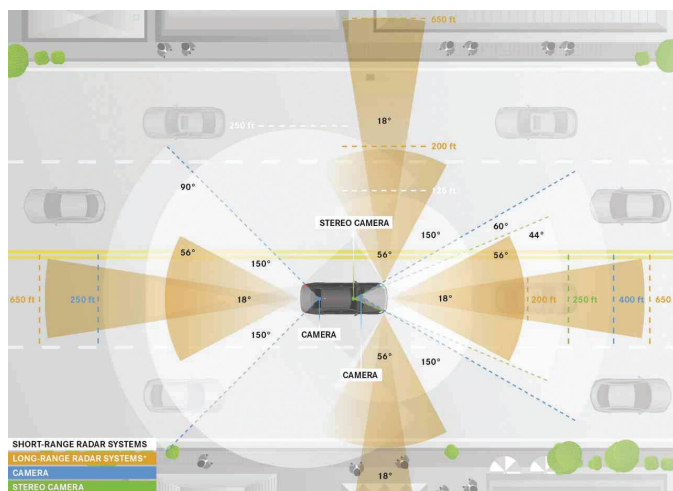
- Connect car to car
- 360° Voice and data communications
- Collect and exchange vehicle position and logistics
- Secure, Non-RF comms
- Low latency communications
- Accurate location based notifications
- Group piloted driving

Specifications

Size	6 x 4 in
Weight	Up to 2 lbs
Power	8-28V DC
Material	Aluminum, Carbon
I/O Ports	RF-45 Ethernet, Voice
Field-of-View	360° horizontally, 5°-10° vertically
Distance	50-100 m



Convoy non-RF communications



Ethernet and video between vehicles

