

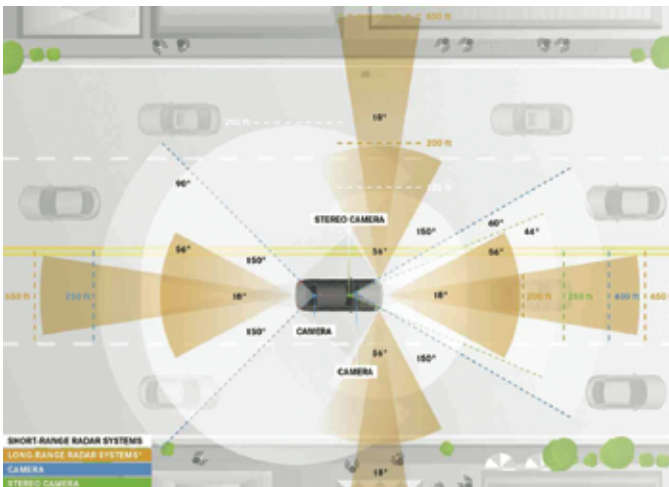
LIGHTSPEED R36



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



Ethernet and Video between vehicles



Convoy Non-RF Communications

LightSpeed R36	
Size	6" x 4"
Weight	up to 2lbs
Power	8-28VDC
Material	Aluminum, Carbon
I/O Ports	RF-45 Ethernet, Voice
Field-of-View	360° Horizontally, 5°-10° Vertically
Distance	50-100 meters

