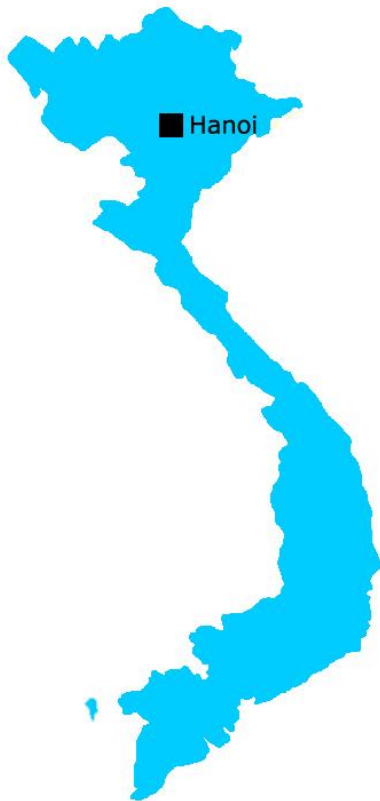


IP Based Military Truck Network in Vietnam



Project Introduction

As the country that has the highest economic growth rate since 2000, Vietnam is always an assignable Asian country for its unlimited energy. With the highly growing economy, Vietnam's military expenditure is around 2.5% of its 2010 GDP, equivalent to US\$2.48 billion. The project is to build up an IP-based network system for Vietnam People's Army's truck transportation system in Hanoi, the capital city of Vietnam.

System Requirements

1. 100M Fiber connection for high quality megapixel IP cameras
2. Waterproof and dustproof enclosure
3. Sustain from long term shock and vibration
4. Sustain from extreme temperature of confined armor space from 0°C to over 60°C
5. Support low voltage power input for vehicle

The project adopted 100 pieces Lantech IES-5208DF for each military satellite truck to build up the most advanced and reliable connection environment. The switch connects a modem, an IPC, and a converter that connects to GPS and satellite equipments. The military satellite trucks collect intelligence and other high quality data to command centers seamlessly, including various degrees of HD video. Since the truck may travel on any kind of surface under any kind of weather, the rugged design is one of the key factors to this project.

Lantech Solution: IES-5208DF-67

- 1. Dual speed (100M/1000M) fiber connection not only satisfy current bandwidth requirement, but also provides flexibility for future upgrade
- 2. Wide power input range of 12/24/48VDC (9.2~60VDC)
- 3. IP67-rated aluminum housing with waterproof and dustproof ability
- 4. M12 connector for hardened cable connectivity
- 5. EN50155 certified for vehicle applications
- 6. Wide operating temperature from -40°C to 75°C

