



# GV-AS1520 Controller With Built-in UHF RFID Reader

Enjoy hassle-free parking management

- Anti-Passback (APB) support
- Ideal sensing range within 10 m (32.8ft)
- Support for external sensors
- Special energy-saving design reducing power consumption
- Effective identification with specially designed antenna pattern
- Built-in antenna and RF module
- Vehicle counting and parking share space
- Area Monitor & track suspicious activity
- DC 12V/ PoE+ (IEEE 802.3at)



# Application

GV-AS1520, this High Precision UHF RFID Controller includes exciting features from Proximity Reader for Vehicle Management. It can work as a standalone device and detect the moving vehicle up to 10 meters (32.8ft). Each GV-AS1520 can store up to 100,000 cards, and seamlessly

integrate with GV-Access control platform (GV-ASManager) to create complete security solution without hassle. Geovision provides All-in-One parking management solution to help minimizing cost, maximizing performance, and bettering user experience.



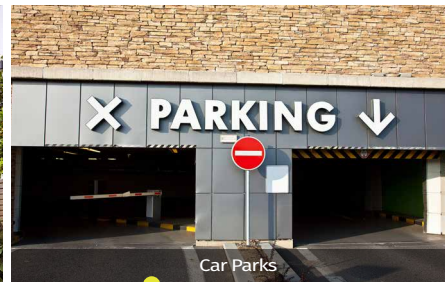
Gated Communities



Condominiums



Employee Parking



Car Parks

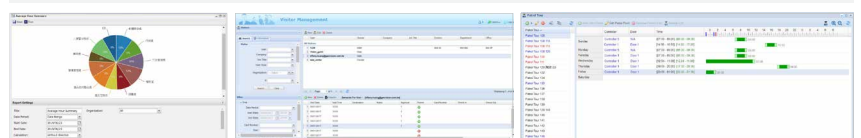
How It Works?



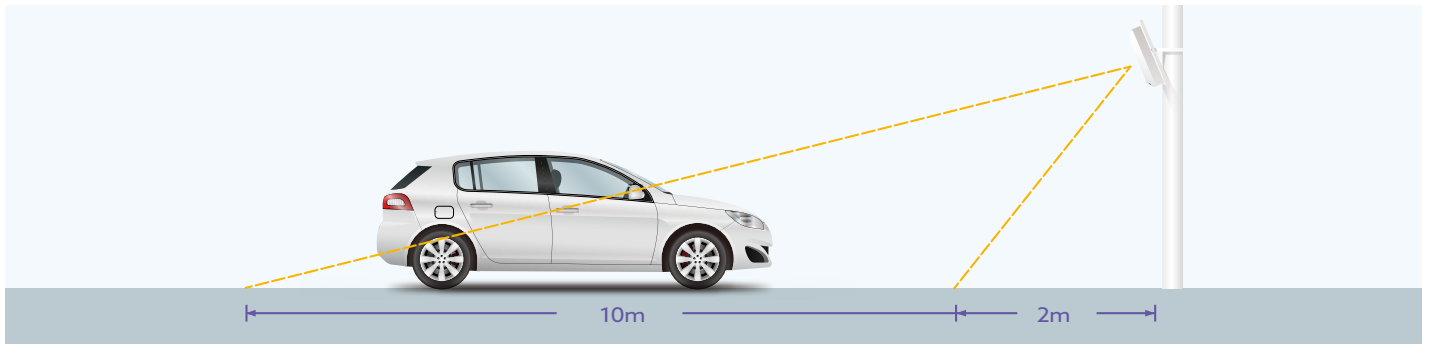
# Professional Access Management Platform



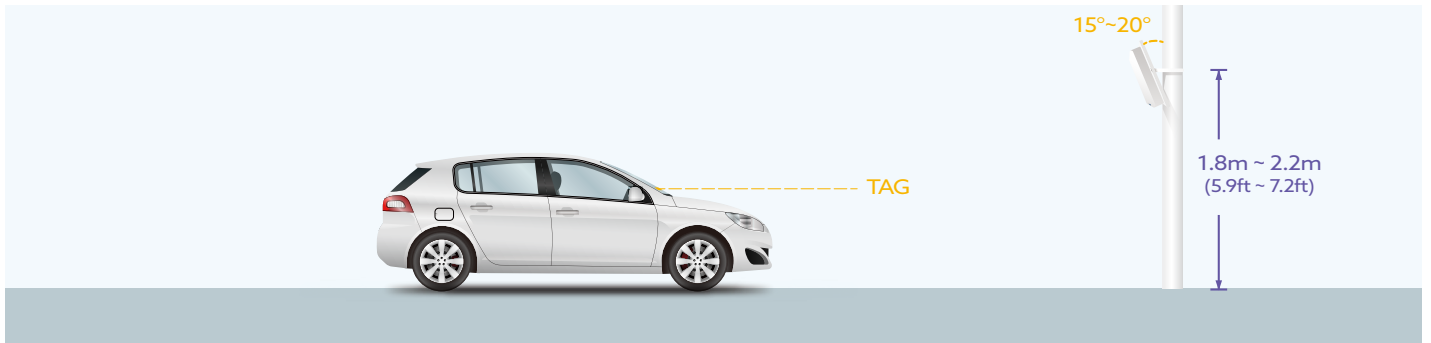
- Multilevel Administration Access
- Web-interface access method
- Time and Attendance Management
- Visitor Management
- Patrol Management
- Manage multiple locations from one place
- Visual Map interface
- Real-time monitoring and notification
- Reporting / Tracking
- IP Camera & VMS Integration



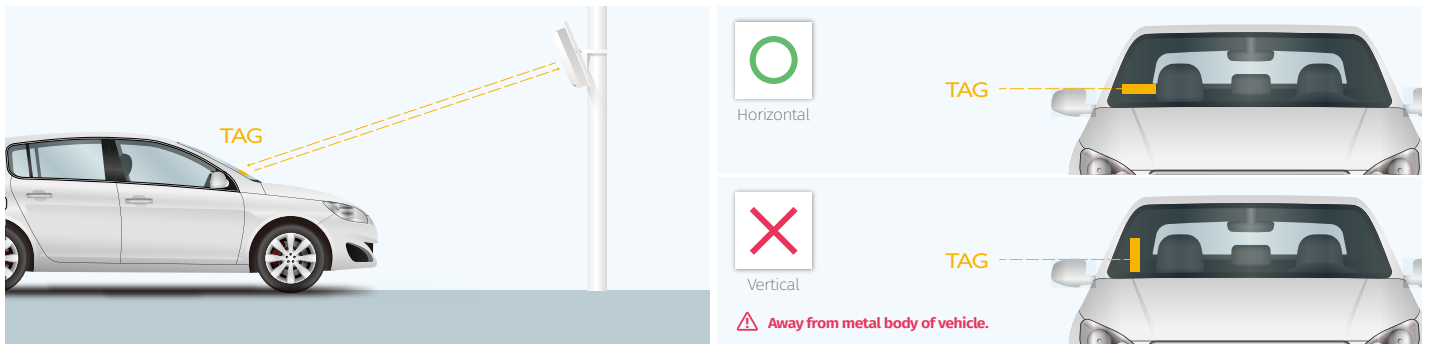
# Installation Site



▲ Long Range Reader (2 ~ 10 m)



▲ **Check angle:** Recommended height to set RFID reader is 1.8m ~ 2.2m (5.9ft ~ 7.2ft), and no lower than location of RFID tag



▲ **Check orientation:** Fully facing antenna, horizontally in parallel.

▲ Corresponded placement between RFID reader and tag is pictured as above.

# Product Spec

GV-AS1520		
CPU	ARM-based 32bit RISC	
Number of User Cards	100,000 cards	
Antenna Gain	7.71 dBi (circular polarization)	
Antenna Receiving	50 ohm U.F.L.	
Operating Frequency	AS1520 TW 922-928MHz, AS1520 US 902-928MHz AS1520 EU 865-868MHz	
Supported Transponders	EPC Gen2 (ISO 18000-6C)	
Receiving sensitivity	-85 dBm	
Reading Range (Avg.)	10 m (32.8ft) max.	
Operating Voltage	12V DC, 1.25A / POE+ (IEEE 802.3at, provides up to 25.5 W)	
Communication	TCP/IP	
Digital I/O	Input	2 inputs, dry contact, NO/NC
	Output	4 relay output (30V DC, 1A; 110V AC-250V AC, 0.3A)
Temperature Range	-20°C ~ 55°C (-7.6°F ~ 131°F)	
Relative Humidity	10 ~ 90% RH (non - condensing)	
Dimension ( L × W × H )	228 × 228 × 52.3 mm (8.97 × 8.97 × 2.04 in)	
Ingress Protection	IP56	



## Dimensions

