



UHF Heavy Duty Tag

Automate Access Confidently & Stealthily

The UHF Heavy Duty Tag is a ultra high frequency encrypted tag for TimeTec UHF long range reader. The UHF tag is suitable for barrier gate access management, with card reading distance up to 10 meters.

This tag offers cost effective long range vehicle identification installations requiring tamperproof mounting. The UHF Heavy Duty Tag is an effective solution for installations where the tag needs to be mounted onto the exterior of the vehicle to achieve an automation and a hand-free access.

- **Designed for outdoor use**
- **Strong impact resistance**
- **Identification up to 10 meters**
- **High performance on metal and non-metal surfaces**
- **Passive battery free tags**
- **Highly chemical resistant**
- **Water and shock proof**

Specifications	
Model	UHF Heavy Duty Tag
Working Frequency	840~960MHz
Reading Distance	Up to 10 meters for UHF1-10E and UHF1-10F (Determined by the environment and reader)
Protocol	ISO / IEC18000-6C, EPC global Class 1 Gen 2
Chip	G2XM
Memory Capacity	272 bits
Storage Structure	EPC: 96bits, UID / TID: 64bits, User: 512bits, Access Password: 32bits, Kill Password: 32bit
Erase Endurance	10,000 times (Only for chips)
Data Storage	20 years (Only for chips)
Environmental Requirements	RoHS Certificate
Storage Temperature	0~40°C
Storage Humidity	40%-70%RH
Working Temperature	-30~60°C
Dimension	249 * 13.8 * 18 (mm) ± 0.5 (mm)
Installation	Fixed on the upper and lower edges of the license plate (Parking Applications)

Notes:

1. In order to have the best reading performance, please keep the tag's position the same as antenna's polarization direction.
2. Do not bend the tag, which may cause the damage of the internal chip.