

Headlight RFID Tag With UHF Antenna-spec sheet



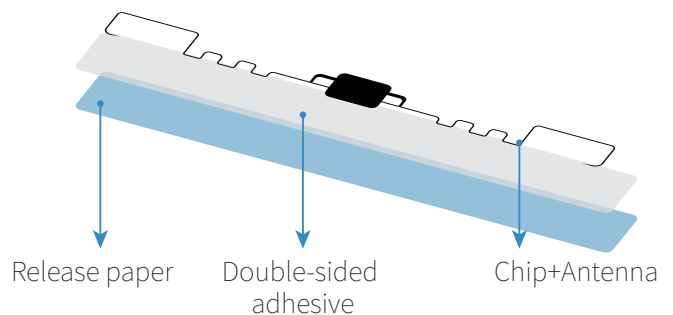
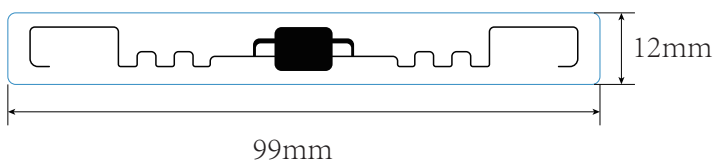
The UHF Headlight RFID tag is predicated on passive UHF technology. The tag doesn't contain a battery and is maintenance-free.

The UHF Headlight Tag may be a transparent adhesive to permit quick and straightforward installation onto the headlight of the vehicle. The thin, flexible, UHF sticker format is straightforward to put in and offers a tamper resistant automatic vehicle identification solution by affixing it to the headlight. For added security, the UHF Headlight Tag is tamper evident. The tags will show visual proof of removal and are difficult to get rid of intact and functional*. The chip inside the tag is protected against harmful UV rays

Parameters

Item	Headlight RFID Tag With UHF Antenna	Material	PET	Working Temperature	-25-65°C
Eeprom	96bits EPC memory,512bits User memory	Size	Custom	Data Retention Time	10 years
Chip	Impinj M4QT	Crafts Available	Logo or number printing, Bar code QR code, etc.	Printing Options	Silk-screen printing, Laser Engraving, CMYK full color, Pantone, etc.
Frequency	860-960MHz	Reading Distance	0-10cm	Write Endurance	100000 times
Protocol	ISO18000-6B/ISO 18000-6C EPC C1G2				

Dimensional Diagram



Feature

- ▶ Vehicle identification up to 5 meters (16 ft)
- ▶ Based on battery-free UHF technology (EPC Gen 2)
- ▶ Transparent, tamper proof adhesive for headlight mounting
- ▶ Battery-free operation
- ▶ RAIN compliant
- ▶ The HeadLight Tag is useful for vehicles with metalized windshields

Available chips

860~960 MHz UHF Chips

Chip Name	Protocol	Capacity	Frequency
Alien H3	ISO18000-6C	512 bits	860~960 MHz
Impinj Monza 4	ISO18000-6C	96 bits	860~960 MHz
UCODE G2iL	EPCglobal Class1Gen2	128 bits	860~960 MHz

APPLICATIONS

- The UHF Headlight Tags is out there with various programming formats, ensuring compatibility with any installation. Wiegand and Magstripe formatted tags are available to enrich any access control application. Typical applications include vehicle access to car parks, gated communities/condominiums, offices etc. Other applications include access control of motorbikes, scooters and mopeds. This sticker tag is purposely designed to have adhered to the headlight. This tag is the best choice to enable reliable vehicle identification in situations where the whole car windshield is roofed by the solar film with metal particles.