



Solution for tire management

Shenzhen A.N.G Technology Co., Ltd devote to supply RFID solution, readers and tags for one-stop service. Develop and produce ready-made or customized offerings for a large number of applications.

Here is the instruction of RFID solution of tire management and tracking and vehicle management and tracking.

Tag parameter:

- 1) Size: 95x35mm, thickness 2.7-3mm
- 2) Material: rubber, eco-friendly, flexible and high temperature resistance
- 3) Print: customize printing logo
- 4) Read range 1-2 meters
- 5) Working temperature: -40°C~230°C
- 6) Production picture as below



Chip parameter:

- 1) Protocol: ISO 18000-6C, EPC Gen 2
- 2) Frequency: 860-960Mhz
- 3) RFID ICs: Monza4 QT/ Alien Higgs-3
- 4) User memory: 512 bits
- 5) Data retention: 10 years

Tag install manual:

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1. Install the tag on the tire sidewall position, not more than 7.62cm away from the tire bead. Clean the position with the tire cleaner first.
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2. Drawing the location size more than 2/3 of tire tag as the installation position
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3. Using the special grinder (low speed) and coarse grinder polish the installation position, to made the surface with a sense of cashmere
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4. Clean the position after polishing, can not be with any residue
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5. Using the special tire glue (vulcanized glue) to smear the polishing position, tear the blue sticker to install tag (PS: Don' t touch the grey sticker), then press firmly on the adhesives to made the air out.

Solution: stuck tag on tire and install UHF reader on the door of antrance, when vehicle move close the door and inside the rand range (about 1-2 meters) of reader, the reader can read the information of tags antumatically, the system can record the vehicle information (pass time, tire number, model and brand, ect), as it's UHF reader, so many tags can be read at same time.

