

UHF Tags Car Windshield Installation recommendations

General:

The highly advanced UHF Tag label allows vehicle recognition from a distance. The label is attached to the inner side of the windshield. The reader scans the label to determine if the user is certified to enter or leave the premises.

The UHF Tag is a small label\ card that functions as an identifier. Using a reader, the vehicle is identified and the system responds accordingly



⚠ It's highly recommended that the location will be tested before sticking the UHF label to the windshield

Determining UHF Label\ Card Location

The location and positioning of the UHF the label is determined according to the position of the reader relative to the vehicle when the vehicle is near the gate and the AY-U9xxBT reader.

If the reader is on the side of the vehicle, affix the UHF label on the windshield at the side closest to the reader, and if the reader is in the front, above the vehicle, the tag should be pasted in the center of the windshield, close to the top. In any case, the top edge of the label shall not be lower than 7 cm from the car roofline. The label should be placed under any metal liner in the glass and must not be placed within a range of 30 cm of another tag in the vehicle (if there is any):





Metallic Coating on the windshield

Some vehicles may have a metallic coating on the windshield that impairs the performance of the identification scheme and reduces the reading range. These windshields usually have one area where there is no coating and which is intended for affixing RFID tags, commonly referred to as "RF Cutout". This area is usually located in the upper middle of the windshield behind the rearview mirror (It is recommended to read the car owner's manual in order to locate this area in the windshield for any specific car.) The TAG should be placed in this area:

