

# Comparison Table for IDA245(N) / IDA245(N)-H2

There have been few cases where the long range reader fails to the active card attached on the inner side windshield of the vehicle, especially for luxury imported vehicles. This problem is caused because the signal from the active card can't pass through the ESD Metal Coating on the windshield applied on these vehicles.

In these cases, IDA245(N)H2, which has higher transmission power can be used as a solution.

|                           | IDA245 / IDA245N  | IDA245-H2 / IDA245N-H2   |
|---------------------------|---|--|
| <b>Application</b>        | Vehicles without ESD Metal Coating on windshield<br>(Regular Vehicles)  | Vehicles with ESD Metal Coating on windshield<br>(Luxury Imported Vehicles)<br>※ ex) BMW (7Series), Benz(S500), Audi(A6), Volkswagen(New Beetle), LEXUS(430)and etc. |
| <b>Transmission Power</b> | -20dBm  | -10dBm   |
| <b>Compatible Readers</b> | RF245-2, RF245-3, RF245-5,RF245-10, Neo RF245   |  |
| <b>Reading Range</b>      | 2m(6.5feet), 3m(10feet), 5m(17feet), 10m(34feet), Up to 12m(49.2feet)   |  |
| <b>Price</b>              | IDA245N-H2 price is 10% on top of IDA245N price.  |  |
| <b>Notice</b>             | If the IDA245(N) tag is attached on the windshield of luxury imported vehicles, the reader may not detect the tag or the reader may have short reading range. | If the IDA245(N)H2 tag is attached on the windshield of regular vehicles, the reader may detect a tag from the backside or the reader may have doubled read range.   |
| <b>Battery</b>            | Battery Replaceable (CR2025), Life-time use with battery change   |  |