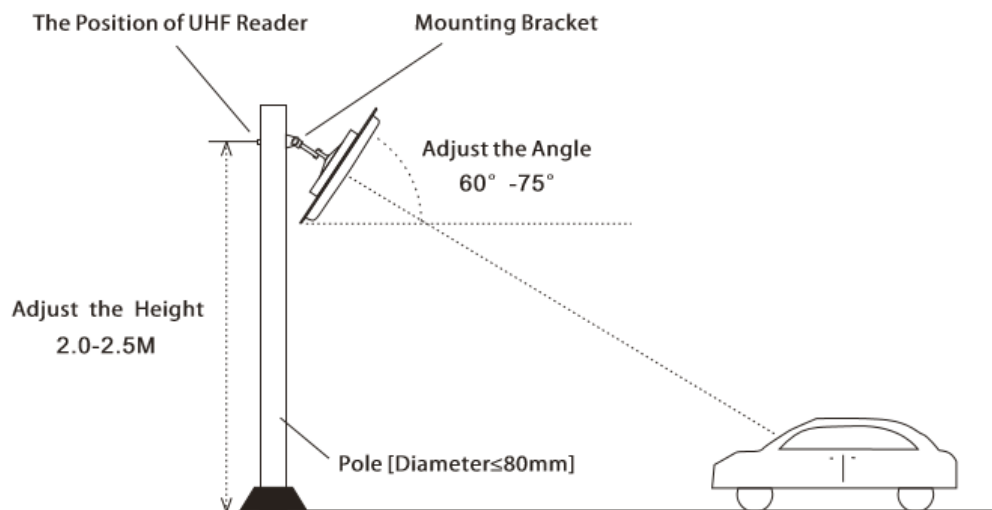


UHF Products Use Attention

▪ Reader's Installation

(Take fixed vehicle management applications as an example)

Installation diagram is as follow:



▪ Applications

Different types of UHF readers and UHF tags are applied in different areas.

We recommend:

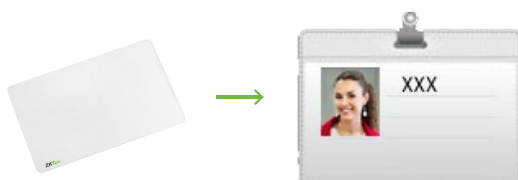
UHF5 series reader's longest reading distance is up to 6 meters, but the steady reading distance is 0-4meters. So UHF 5 series reader is generally used in long distance access control and long distance pedestrian crossing control and other areas.

UHF10 series reader's longest reading distance is up to 12 meters, but the steady reading distance is 0-10meters. So it is a good choice used in long distance fixed vehicle access management and other long distance recognition applications.

UHF tag :

- UHF1-Tag1, DF01Card and DF02 Card are generally used in long distance access control management and long distance pedestrian crossing control management.

As is shown below:



- UHF1-Tag2 is generally used in long distance pedestrian crossing control management. Such as long distance single channel access management in construction site.

As is shown below:



UHF1-Tag3 is generally used in long distance fixed vehicle access management. It is installed on the upper or lower edges of the license plate.

As is shown below:



UHF1-Tag4 is also generally used in long distance fixed vehicle access management. It is pasted on the interior windshield of car.

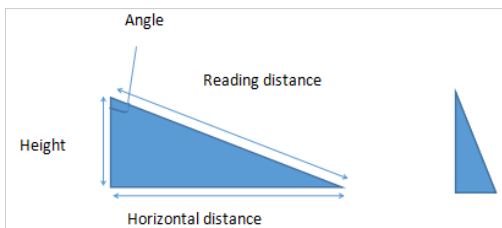
As is shown below:



- Note

1. The installation height and installation angle have a great influence on the reading distance.

As is shown below:



In this triangle, our reader's reading distance is the longest side, but application distance is the horizontal distance in the actual use. The horizontal distance is less than the reading distance.

5. When you use UHF1-Tag4 in long distance fixed vehicle access management application, if there is a metal explosion-proof film above the car's windshield, the tag can't be read or doesn't work. To get the best reading performance, user need tear off a small piece film or roll down the window.

6. The moving speed of the object is recommended to be 0-20km/h.

2. When used, the reader front face to the direction of movement of the object (With UHF Tag);

3. Water and magnet do a lot effects to tags, so when using, to get the best performance, the tag should be kept away from magnetic filed and shouldn't hold the card in hand or in pocket. (In fact, our body is a weak magnetic field and full of water).

4. Please keep the tag's direction the same as antenna's polarization direction when using. According to the installation direction of the reader, reading card direction is horizontal or vertical. Reading distance is very different with different swiping card direction.

As is shown below:

