

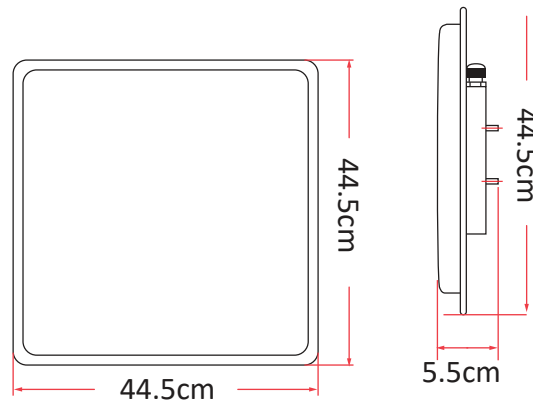
Installation Guide

UHF412

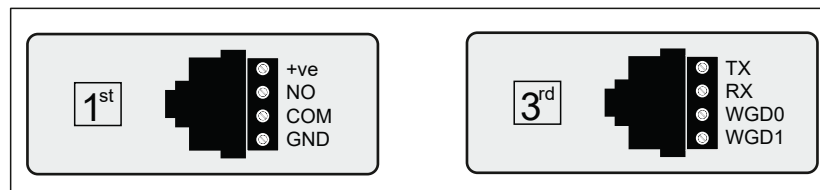
Version: 1.0

UHF Reader Installation

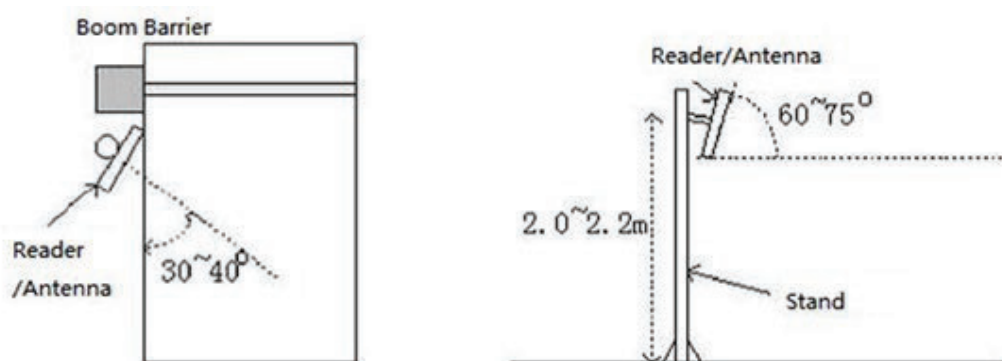
Dimension Drawing



Wiring instructions



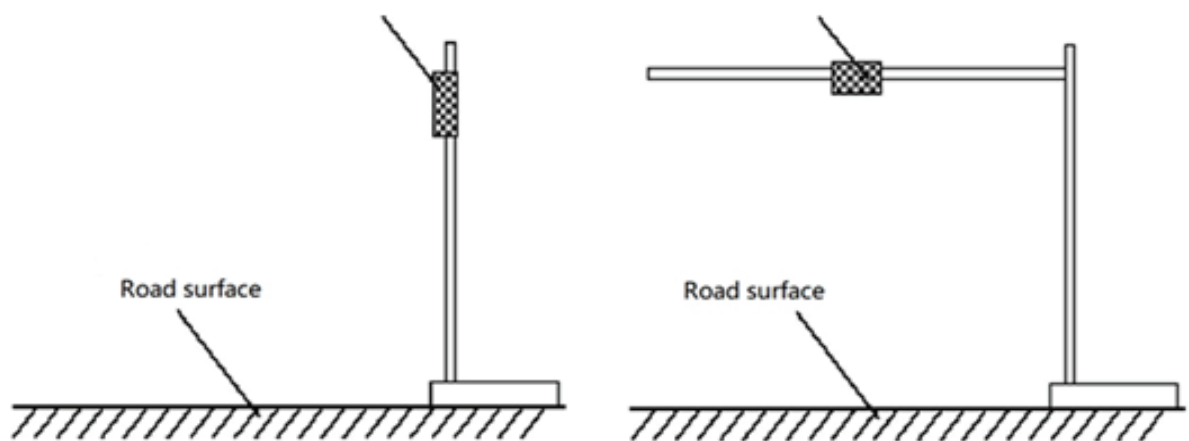
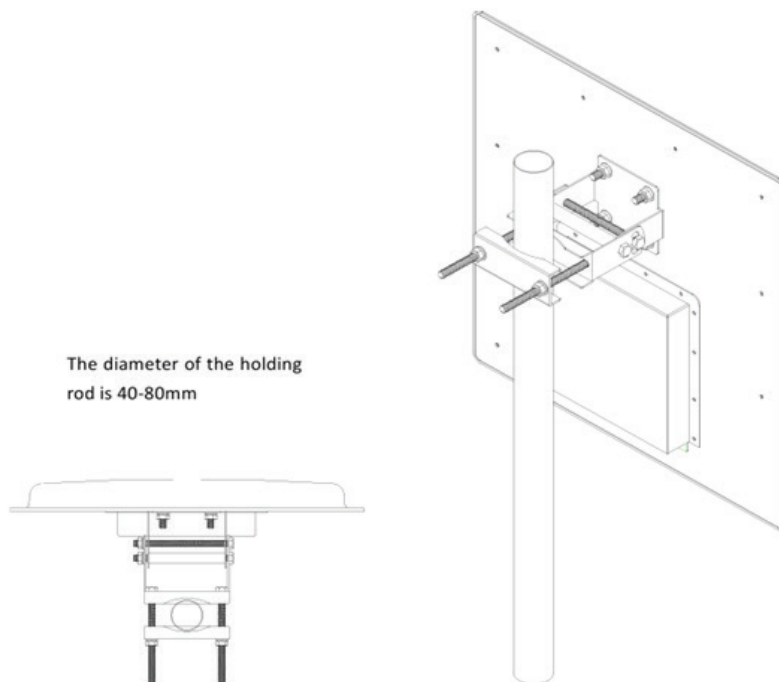
Reader azimuth adjustment



Antenna pitch angle: Refers to the angle between the antenna tilting to the ground and the horizontal line, about 60 - 75 degrees.

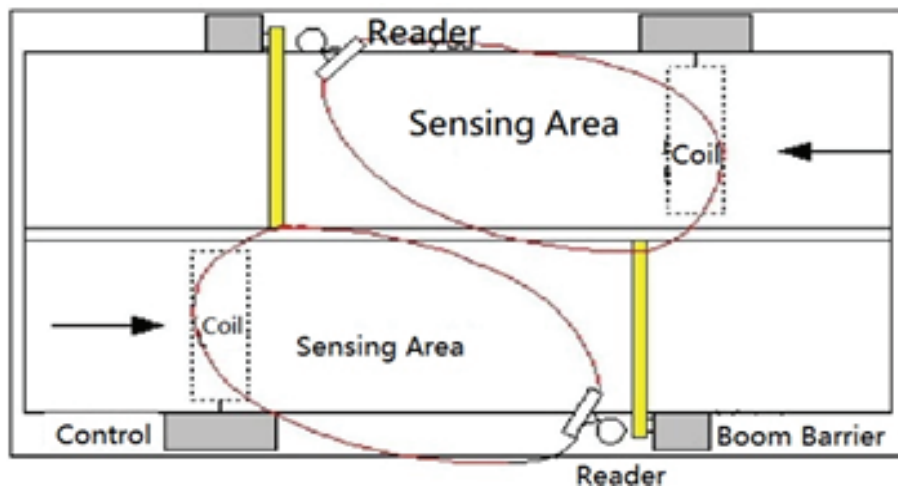
Antenna azimuth: Refers to the offset angle of the antenna in the direction of the lane, about 30 – 40 degrees.

| Installation Guide

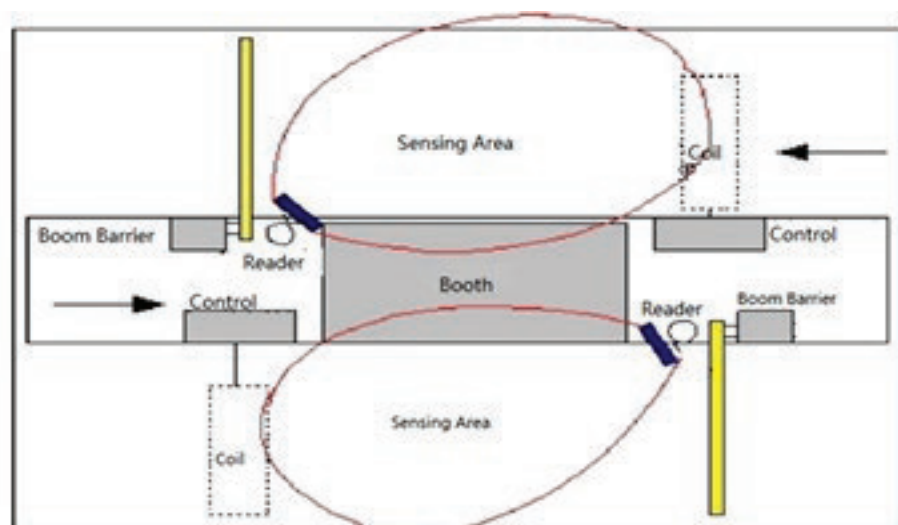


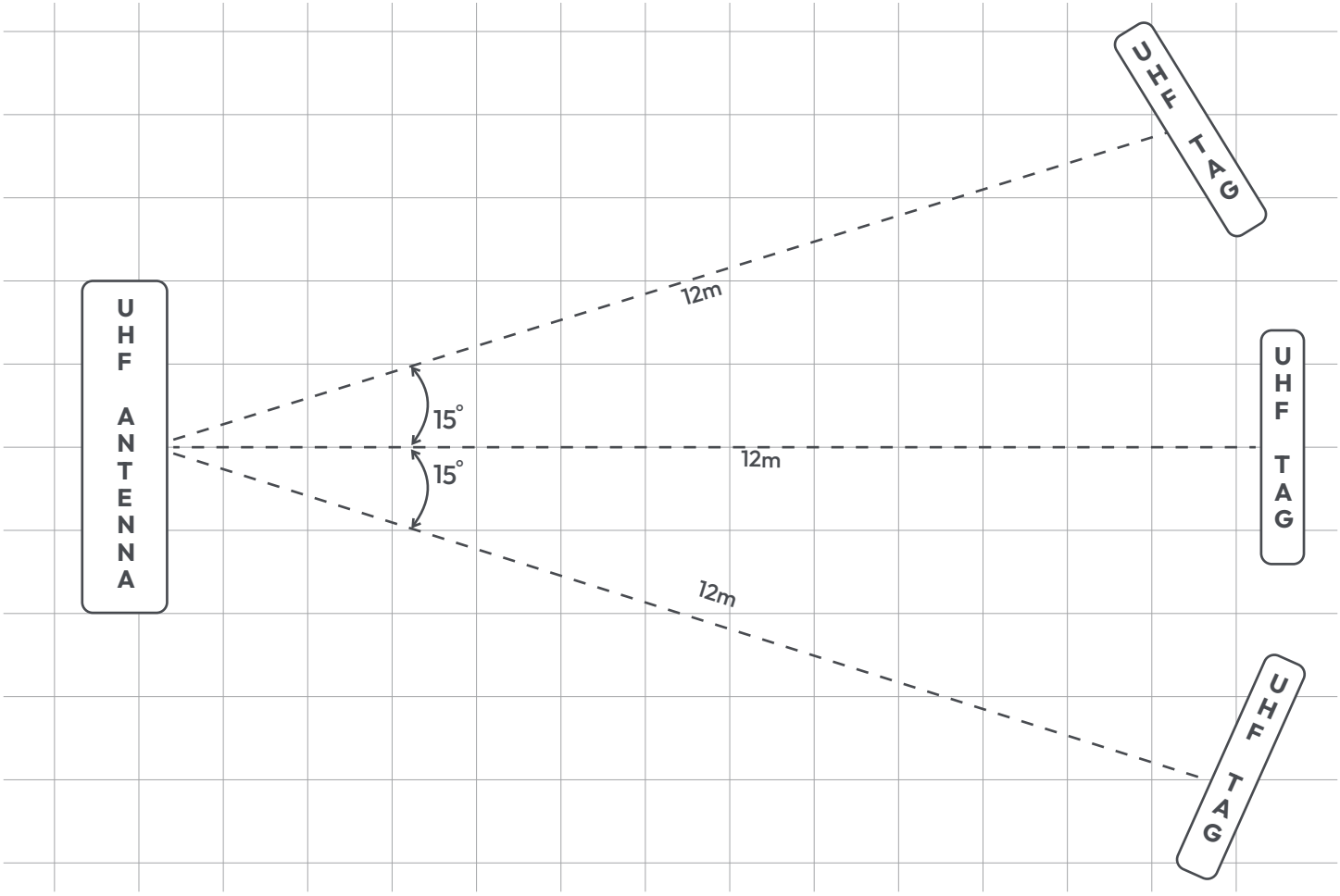
Reader side 1 type installation Reader L stand-up type mounting

On-site installation method 1 : There is no intermediate isolation of the road safety island, road control equipment (barriers) are installed on both sides of the road, and vehicles pass through the card reading area. In this case, it is required that the reader (antenna) should be close to the barrier device, and at the same time, the effective range of its reading tag (the farthest straight-line distance) can cover the inlet ground sense coil or the outlet ground sense coil at the entrance and exit, as shown in the following figure.



On-site installation method 2: The road has an intermediate isolation of the safety island, the control equipment (gate) is installed on the middle isolation of the safety island, through the card reading area. In this case, the reader (antenna) is required to be close to the barrier device, and at the same time, the effective range of the tag reading (the farthest straight-line distance) can cover the inlet ground sense coil or the outlet ground sense coil at the entrance and exit, as shown in the following figure.





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