

## 2. Factors that may possibly affect RF transmission range?

Possible factors are:

- 1> Geographical factors: high building, hill, mountain, or even a big group of birds, strong power field all will affect (block) the RF transmission. This is the main factor.
- 2> Climate factors: Humidity (rainy) and salty (sea shore) will also affect (block) the RF transmission.
- 3> Installation Workmanship: This factor causes poor RF transmission easily
  - A. Antenna alignment could be the biggest reason accounts for poor RF transmission; please contact us for detailed procedure for antenna alignment.
  - B. Antennas, cables, connectors are somehow damaged during the installation process.
- 4> Device failure or inadequate functionality:
  - A. As above-mentioned, relating devices are damaged during the installation process;
  - B. Antenna gain is not enough, or antenna cable is too long.