

Installation Instruction of Wi-Fi Kit

1. A field without metal around is wonderful to place NVR and IPC. Metal and metal door are bad choices, while cartons and plastic shelves are good. Please put it on the top, if it is on the metal shelf.

---- Reason: Electromagnetic wave can be reflected by metal, which is extremely adverse for antenna working.

2. NVR and IPC should be placed at least 1 m above the ground, preferably above the height of the obstructions (such as people, boxes, displays, etc.) in the current environment.

---- Reason: The electromagnetic wave can be absorbed by the ground and weakened by the obstructions.

3. IPCs should not be placed in the same direction of NVR. If there are many IPCs in one direction, do not place these IPCs on the same horizontal plane, instead, stagger the IPCs (the absolute height between IPCs should be more than 15 cm).

---- Reason: IPCs in the same direction and the same plane will compete with each other, and disturb each other's working. It is extremely adverse for transmission quality and distance.

4. Antennas of NVR and IPC should be placed perpendicular to the ground as far as possible.

---- Reason: Rod antenna has the strongest horizontal radiation and the weakest vertical radiation.

5. Try not to have too many obstructions between IPC and NVR, especially load-bearing

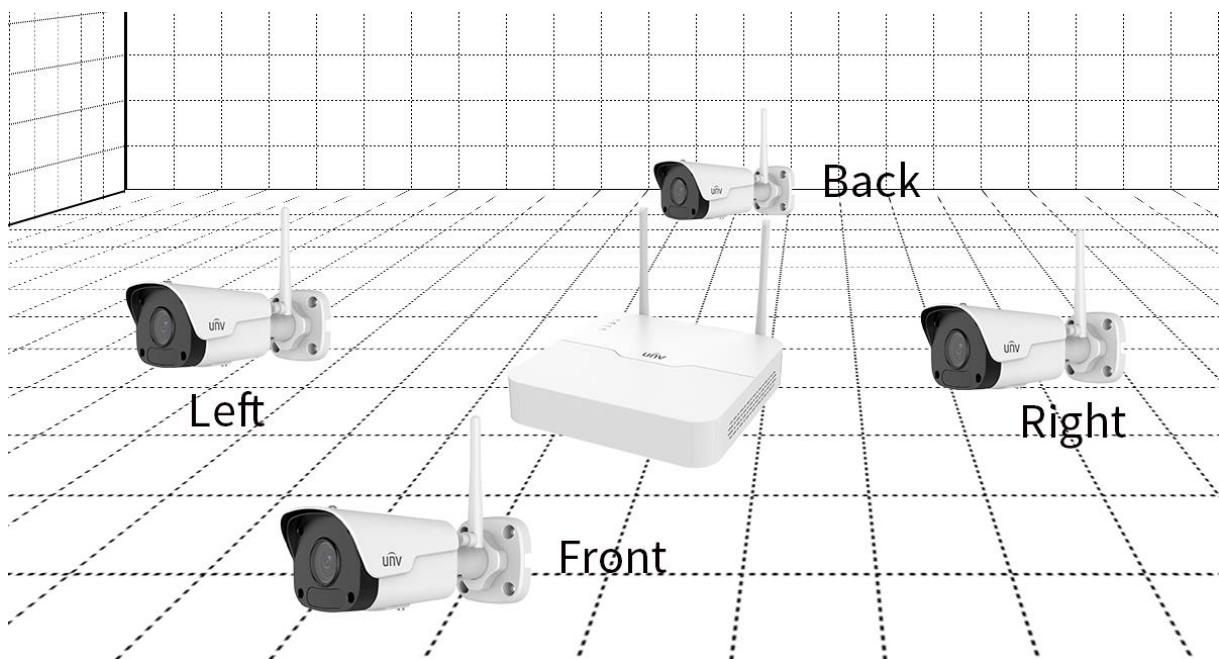
walls, metal doors, etc. If you encounter a wall that must be worn, please raise the height of NVR and IPC as much as possible to reduce interference.

---- Reason: Walls and metals can greatly weaken Wi-Fi signals, which affects transmission quality and distance.

6. High-power Wi-Fi devices (such as routers, millet boxes, etc.) should not be placed within 2 m around the NVR. If the IPCs are placed together, the interval should be more than 15 cm, and should not be placed in the same horizontal plane.

---- Reason: Co-channel interference needs to be avoided.

A. Bullet installation recommendations (schematic diagram of antenna placement is only for reference)



When placing the bullet and NVR, antennas of the two should be vertical to the ground and parallel to each other.

B. Dome installation recommendations



When installing the Wi-Fi dome, NVR should be placed below the dome. It is not recommended to place the NVR above the dome.