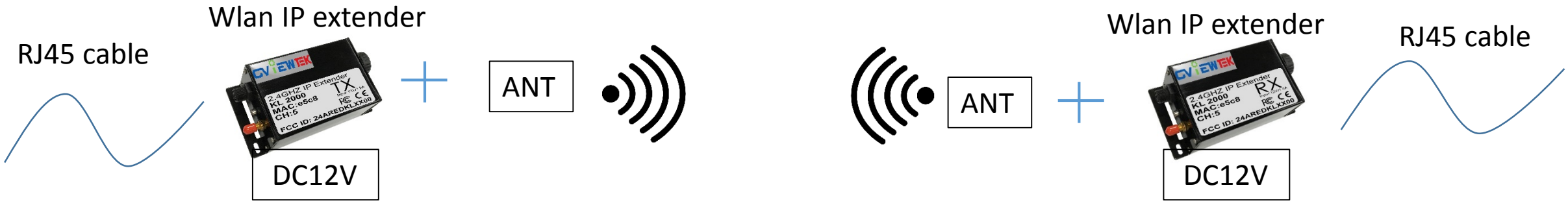
User manual



Turn on electricity after Wlan IP extender connecting with antenna. Should be aligned the transmitting antenna with the receiving antenna and not deviate from each other.
Wlan IP extender connect with antenna to transfer signal automatically. Installer can use their own device through RJ45 cable. The Wlan IP extender use DC12v power which pass the FCC certification.

CH Setting-normal Mode

4 BIT SW.				CH	Frequency
1	2	3	4		
OFF	OFF	OFF	ON	3	2.422GHz
OFF	OFF	ON	ON	4	2.427GHz
OFF	ON	OFF	ON	5	2.432GHz
OFF	ON	ON	ON	6	2.437GHz
ON	OFF	OFF	ON	7	2.442GHz
ON	OFF	ON	ON	8	2.447GHz
ON	ON	OFF	ON	9	2.452GHz
ON	ON	ON	ON	10	2.457GHz

Example :

4 BIT SW Setting : ON , ON , ON , ON
Channel = 10

4 BIT SW Setting : OFF , ON , OFF , ON
Channel = 5

The manufacturer will set the channel in default mode, but installers can set the channel themselves according the environment.

The antenna installation position is according to the control center.
The RX box should install near the control center.
The Transmitter and Receiver box are the same units.
The manufacturer will setup in TX or RX mode and it would label it.
So the installer will know the installation process.

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
1. This device must not cause harmful interference, and
2. This device must be able to withstand any interference received, including interference that may cause undesired operation.

FCC Warning

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorienting or relocating the receiving antenna.
  Increasing the distance between the equipment and the receiver.
- Connecting the equipment to a different outlet from that to which the receiver is connected.
- Consulting the dealer or an experienced technician for help.

Caution:

To comply with the limits for an FCC Class B computing device, always use the shielded signal cord supplied with this unit. The Federal Communications Commission warns that changes or modifications to the unit not expressly approved by the party responsible for compliance could invalidate the user’s authority to operate the equipment.

FCC RF Radiation Exposure

This equipment complies with the FCC RF radiation exposure limits stipulated for an uncontrolled environment. This device and its antenna must not be co-located or operated in conjunction with any other antennas or transmitters. To comply with FCC RF exposure compliance requirements, the antenna used for this transmitter must be installed so as to provide a separation distance of at least 20 cm from all persons and must not be co-located or operated in conjunction with any other antennas or transmitters.

Professional installation instruction

Installation personal

This product is designed for specific application and needs to be installed by a qualified personal who has RF and related rule knowledge. The general user shall not attempt to install or change the setting.

Installation location

The product shall be installed at a location where the radiating antenna can be kept 40cm from nearby person in normal operation condition to meet regulatory RF exposure requirement.

External antenna

Use only the antennas which have been approved by the applicant. The non-approved antenna(s) may produce unwanted spurious or excessive RF transmitting power which may lead to the violation of FCC/IC limit and is prohibited.

Installation procedure

Please refer to user’s manual for the detail.