

## **Federal Communication Commission Interference Statement**

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

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 of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## **FOR PORTABLE DEVICE USAGE**

### **Radiation Exposure Statement:**

The product comply with the FCC portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

## 1.Specification

Product name	2.4G Wireless Dongle
Model No.	VS16D01A
Frequency range	2402~2480MHz
Modulating type	GFSK
Channel Number	79 channels
Battery information	USB 5V
Antenna Type	Printed Antenna
Antenna length	/
Antenna Gain	/
Product dimension	/
Product weight	/
Operating temperature	-40℃~ 80℃
Storage temperature	-40℃~ 125℃

## 2.Channel frequency

<b>1CH</b>	2402 MHz	<b>41CH</b>	2442 MHz
<b>2CH</b>	2403 MHz	<b>42CH</b>	2443 MHz
<b>3CH</b>	2404 MHz	<b>43CH</b>	2444 MHz
<b>4CH</b>	2405 MHz	<b>44CH</b>	2445 MHz
<b>5CH</b>	2406 MHz	<b>45CH</b>	2446 MHz
<b>6CH</b>	2407 MHz	<b>46CH</b>	2447 MHz
<b>7CH</b>	2408 MHz	<b>47CH</b>	2448 MHz
<b>8CH</b>	2409 MHz	<b>48CH</b>	2449 MHz
<b>9CH</b>	2410 MHz	<b>49CH</b>	2450 MHz
<b>10CH</b>	2411 MHz	<b>50CH</b>	2451 MHz
<b>11CH</b>	2412 MHz	<b>51CH</b>	2452 MHz
<b>12CH</b>	2413 MHz	<b>52CH</b>	2453 MHz
<b>13CH</b>	2414 MHz	<b>53CH</b>	2454 MHz
<b>14CH</b>	2415 MHz	<b>54CH</b>	2455 MHz
<b>15CH</b>	2416 MHz	<b>55CH</b>	2456 MHz
<b>16CH</b>	2417 MHz	<b>56CH</b>	2457 MHz
<b>17CH</b>	2418 MHz	<b>57CH</b>	2458 MHz
<b>18CH</b>	2419 MHz	<b>58CH</b>	2459 MHz
<b>19CH</b>	2420 MHz	<b>89CH</b>	2460 MHz
<b>20CH</b>	2421 MHz	<b>60CH</b>	2461 MHz
<b>21CH</b>	2422 MHz	<b>61CH</b>	2462 MHz
<b>22CH</b>	2423 MHz	<b>62CH</b>	2463 MHz
<b>23CH</b>	2424 MHz	<b>63CH</b>	2464 MHz
<b>24CH</b>	2425 MHz	<b>64CH</b>	2465 MHz
<b>25CH</b>	2426 MHz	<b>65CH</b>	2466 MHz

<b>26CH</b>	2427 MHz	<b>66CH</b>	2467 MHz
<b>27CH</b>	2428 MHz	<b>67CH</b>	2468 MHz
<b>28CH</b>	2429 MHz	<b>68CH</b>	2469 MHz
<b>29CH</b>	2430 MHz	<b>69CH</b>	2470 MHz
<b>30CH</b>	2431 MHz	<b>70CH</b>	2471 MHz
<b>31CH</b>	2432 MHz	<b>71CH</b>	2472 MHz
<b>32CH</b>	2433 MHz	<b>72CH</b>	2473 MHz
<b>33CH</b>	2434 MHz	<b>73CH</b>	2474 MHz
<b>34CH</b>	2435 MHz	<b>74CH</b>	2475 MHz
<b>35CH</b>	2436 MHz	<b>75CH</b>	2476 MHz
<b>36CH</b>	2437 MHz	<b>76CH</b>	2477 MHz
<b>37CH</b>	2438 MHz	<b>77CH</b>	2478 MHz
<b>38CH</b>	2439 MHz	<b>78CH</b>	2479 MHz
<b>39CH</b>	2440 MHz	<b>79CH</b>	2480 MHz
<b>40CH</b>	2441 MHz		

Each Dongle work in the 16 channels, these 16 channels from 40 randomly generated。

### 3. Hopping information

Pseudo-random hopping **250** times in 1Sec. through 16 channels. (if the product used BT technology, this section is not necessary)