

WHAT IS CLAIMED IS:

1. A method for data transmission in Internet of vehicles (IoV), characterized in comprising:

receiving (S210), by a first terminal, first control information sent by a second terminal, the first control information being used for determining resource information used for multiple sidelink (SL) transmissions; and

determining (S220), by the first terminal according to the first control information, resource used for the multiple SL transmissions,

wherein the resource information used for multiple SL transmissions comprises time-domain resource information and frequency-domain resource information used for the multiple SL transmissions,

characterized in that,

the first control information comprises second configuration information, the second configuration information being used for determining a time offset of each transmission of the multiple SL transmissions relative to a time unit, wherein the time unit comprises a time slot, a symbol, a subframe, a short transmission time interval (sTTI), and the determining (S220), by the first terminal according to the first control information, the resources used for the multiple SL transmissions comprises: determining, by the first terminal according to the time offset of the each transmission relative to the time unit with the time unit as a reference, time-domain resource used for the each transmission;

wherein the time unit is determined according to a time unit carrying the first control information, or an initial time unit of a current radio frame, or an initial time unit of a current radio frame period.

2. The method according to claim 1, wherein the first control information comprises third configuration information, the third configuration information being used for determining length information of frequency-domain resource for each transmission of the multiple SL transmissions;

the first control information further comprises fourth configuration information, the fourth configuration information being used for determining a frequency-domain start position for each transmission of the multiple transmissions, and the determining, by the first terminal

according to the first control information, resource used for the multiple SL transmissions comprises:

determining, by the first terminal, the length information of frequency-domain resource for each transmission of the multiple SL transmissions according to the third configuration information, and the frequency-domain start position for each transmission of the multiple transmissions according to the fourth configuration information; and

determining, by the first terminal according to the frequency-domain start position and the length information of frequency-domain resource for each transmission of the multiple transmissions, the frequency-domain resource for the each transmission of the multiple transmissions.

3. The method according to claim 1 or 2, wherein the first control information is sidelink control information (SCI), and the SL comprises a physical sidelink control channel (PSCCH) and/or a physical sidelink shared channel (PSSCH).

4. A computer program product, characterized in comprising computer program instructions that cause a computer to perform the method according to any one of claims 1 to 3.

5. A computer-readable storage medium, characterized in storing the computer program according to claim 4.

6. A terminal device, characterized in comprising: a processor and a memory, wherein the memory stores the computer program product of claim 4, and the processor is configured to call and run the computer program stored in the memory, thereby performing the method according to any one of claims 1 to 3.