WHAT IS CLAIMED IS:

1. A method for acquiring a parameter set, applicable to a user equipment for a side-link communication, comprising:

acquiring a target parameter set corresponding to information to be transmitted according to configuration information sent by a base station, wherein the configuration information comprises the target parameter set for the user equipment to transmit the information to be transmitted, the information to be transmitted comprises at least one of or any combination of following information types: a synchronization signal, side-link broadcast information, physical layer control information or user data; and

transmitting the information to be transmitted by using the target parameter set.

2. The method according to claim 1, wherein acquiring the target parameter set corresponding to the information to be transmitted comprises:

receiving downlink control information sent by a base station, wherein the downlink control information comprises the target parameter set for the user equipment to transmit the information to be transmitted; and

parsing the downlink control information to obtain the target parameter set corresponding to the information to be transmitted.

3. The method according to claim 1, wherein acquiring the target parameter set corresponding to the information to be transmitted comprises:

acquiring a target carrier frequency band for transmitting the information to be transmitted; and

acquiring the target parameter set corresponding to the target carrier frequency band based on a preset correspondence between carrier frequency bands and parameter sets.

4. The method according to claim 1, wherein acquiring the target parameter set corresponding to the information to be transmitted comprises:

acquiring the target parameter set corresponding to the information to be transmitted based on a preset correspondence between information types and parameter sets.

5. The method according to claim 1, wherein acquiring the target parameter set corresponding to the information to be transmitted comprises:

acquiring a time-frequency resource set for transmitting the information to be transmitted; and

acquiring the target parameter set corresponding to the time-frequency resource set based on a preset correspondence between time-frequency resource sets and parameter sets.

6. The method according to claim 1, wherein acquiring the target parameter set corresponding to the information to be transmitted comprises:

receiving a synchronization signal or side-link broadcast information sent by a peer-end device;

determining a parameter set used by the peer-end device to transmit physical layer control information and/or user data based on the synchronization signal or the side-link broadcast information; and

determining the parameter set as the target parameter set for the user equipment to transmit the information to be transmitted.

7. The method according to claim 6, wherein determining the parameter set used by the peer-end device to transmit the physical layer control information and/or the user data based on the synchronization signal or the side-link broadcast information comprises:

detecting a parameter set used by the peer-end device when sending the synchronization signal or the side-link broadcast information; and

determining the parameter set used by the peer-end device to transmit the physical layer control information and/or the user data based on the parameter set used by the peer-end device when sending the synchronization signal or the side-link broadcast information.

8. The method according to claim 6, wherein determining the parameter set used by the peer-end device to transmit the physical layer control information and/or the user data based on the synchronization signal or the side-link broadcast information comprises:

acquiring a synchronization signal sequence or a reference sequence of side-link broadcast information used by the peer-end device based on the synchronization signal or the side-link broadcast information; and

determining the parameter set used by the peer-end device to transmit the physical layer control information and/or the user data based on a preset correspondence between the synchronization signal sequence or the reference sequence of side-link broadcast information and the parameter set.

9. The method according to claim 6, wherein determining the parameter set used by the peer-end device to transmit the physical layer control information and/or the user data based on the synchronization signal or the side-link broadcast information comprises:

the synchronization signal or the side-link broadcast information sent by the peer-end device comprising first indication information indicating the parameter set used by the peer-end device to transmit the physical layer control information and/or the user data; and

parsing the synchronization signal or the side-link broadcast information sent by the peer-end device, so as to obtain the parameter set used by the peer-end device to transmit the physical layer control information and/or the user data based on the first indication information.

10. The method according to claim 1, wherein acquiring the target parameter set corresponding to the information to be transmitted comprises:

receiving a synchronization signal or side-link broadcast information sent by a peer-end device; and

when the synchronization signal sent by the peer-end device is determined as a synchronization reference signal for the user equipment to send signals, determining the parameter set used by the peer-end device to send the synchronization signal or the side-link broadcast information as the target parameter set used by the user equipment to send the synchronization signal or the side-link broadcast information.

11. The method according to claim 1, wherein acquiring the target parameter set corresponding to the information to be transmitted comprises:

receiving physical layer control information sent by a peer-end device, wherein the physical layer control information carries second indication information indicating a parameter set used when transmitting user data and/or feedback information; and

parsing the physical layer control information to obtain the target parameter set used by the user equipment when transmitting the user data and/or the feedback information.

12. A device for acquiring a parameter set, comprising:

an acquiring module, configured to acquire a target parameter set corresponding to information to be transmitted according to configuration information sent by a base station, wherein the configuration information comprises the target parameter set for the user equipment to transmit the information to be transmitted, the information to be transmitted comprises at least one of or any combination of following information types: a synchronization signal, side-link broadcast information, physical layer control information or user data; and

a transmitting module, configured to transmit the information to be transmitted by using the target parameter set.

13. The device according to claim 12, wherein the acquiring module comprises:

a second receiving sub-module, configured to receive downlink control information sent by a base station, wherein the downlink control information comprises the target parameter set for the user equipment to transmit the information to be transmitted; and

a second parsing sub-module, configured to parse the downlink control information to obtain the target parameter set corresponding to the information to be transmitted.

14. The device according to claim 12, wherein the acquiring module comprises:

the first acquiring sub-module configured to acquire a target carrier frequency band for transmitting the information to be transmitted; and

the second acquiring sub-module configured to acquire the target parameter set corresponding to the target carrier frequency band based on a preset correspondence between carrier frequency bands and parameter sets.

15. The device according to claim 12, wherein the acquiring module is configured to acquire the target parameter set corresponding to the information to be transmitted based on a preset correspondence between information types and parameter sets.

16. The device according to claim 12, wherein the acquiring module is configured to acquire a time-frequency resource set for transmitting the information to be transmitted,

and acquire the target parameter set corresponding to the time-frequency resource set based on a preset correspondence between time-frequency resource sets and parameter sets.

17. The device according to claim 12, wherein the acquiring module comprises:

a third receiving sub-module, configured to receive a synchronization signal or side-link broadcast information sent by a peer-end device;

a first determining sub-module, configured to determine a parameter set used by the peer-end device to transmit physical layer control information and/or user data based on the synchronization signal or the side-link broadcast information; and

a second determining sub-module, configured to determine the parameter set as the target parameter set for the user equipment to transmit the information to be transmitted.

18. The device according to claim 17, wherein the first determining sub-module is further configured to:

detect a parameter set used by the peer-end device when sending the synchronization signal or the side-link broadcast information, and

determine the parameter set used by the peer-end device to transmit the physical layer control information and/or the user data based on the parameter set used by the peer-end device when sending the synchronization signal or the side-link broadcast information.

19. The device according to claim 17, wherein the first determining sub-module is further configured to:

acquire a synchronization signal sequence or a reference sequence of side-link broadcast information used by the peer-end device based on the synchronization signal or the side-link broadcast information, and

determine the parameter set used by the peer-end device to transmit the physical layer control information and/or the user data based on a preset correspondence between the synchronization signal sequence or the reference sequence of side-link broadcast information and the parameter set.

20. The device according to claim 17, wherein the synchronization signal or the side-

link broadcast information sent by the peer-end device comprises first indication information indicating the parameter set used by the peer-end device to transmit the physical layer control information and/or the user data, and the first determining sub-module is further configured to parse the synchronization signal or the side-link broadcast information sent by the peer-end device to obtain the parameter set used by the peer-end device to transmit the physical layer control information and/or the user data.

21. The device according to claim 12, wherein the acquiring module comprises:

a fourth receiving sub-module, configured to receive a synchronization signal or side-link broadcast information sent by a peer-end device; and

a third determining sub-module, configured to, when the synchronization signal sent by the peer-end device is determined as a synchronization reference signal for the user equipment to send signals, determine the parameter set used by the peer-end device to send the synchronization signal or the side-link broadcast information as the target parameter set used by the user equipment to send the synchronization signal or the side-link broadcast information.

22. The device according to claim 12, wherein the acquiring module is configured to:

receive physical layer control information sent by a peer-end device, wherein the physical layer control information carries second indication information indicating a parameter set used when transmitting user data and/or feedback information; and

parse the physical layer control information to obtain the target parameter set used by the user equipment when transmitting the user data and/or the feedback information.

23. A device for acquiring a parameter set, comprising:

a processor;

a memory configured to store instructions executable by the processor; wherein,

the processor is configured to:

acquire a target parameter set corresponding to information to be transmitted according to configuration information sent by a base station, wherein the configuration information comprises the target parameter set for the user equipment to transmit the

information to be transmitted, the information to be transmitted comprises at least one of or any combination of following information types: a synchronization signal, side-link broadcast information, physical layer control information or user data; and

transmit the information to be transmitted by using the target parameter set.

24. A computer-readable storage medium having computer instructions stored thereon, wherein when the instructions are executed by a processor, the steps of the method according to any one of claims 1-11 are implemented.