WHAT IS CLAIMED IS:

1. A method for determining a paging parameter, performed by a user equipment (UE), comprising:

in case that the UE's extended discontinuous reception (DRX) cycle in RRC_INACTIVE is within a first value range, determining, within a core network (CN) paging time window (PTW), a shortest one of the extended DRX cycle in RRC_INACTIVE, a CN paging cycle, and a default paging cycle as a cycle for monitoring a radio access network (RAN) paging message and a CN paging message, wherein the CN PTW is configured for the UE; and

in case that the extended DRX cycle in RRC_INACTIVE is within a second value range, determining, within an overlapped part of a RAN PTW and the CN PTW, a shortest one of a RAN paging cycle, a CN paging cycle, and a default paging cycle as a cycle for monitoring the RAN paging message and the CN paging message, wherein the CN PTW is configured for the UE;

wherein the second value range is different from the first value range.

2. The method of claim 1, further comprising:

ignoring the RAN paging cycle in case that the extended DRX cycle in RRC_INACTIVE is within the first value range.

3. The method of claim 1, further comprising:

in case that the extended DRX cycle in RRC_INACTIVE is within the first value range, determining, outside the CN PTW, the extended DRX cycle in RRC_INACTIVE as a cycle for monitoring the RAN paging message, wherein the CN PTW is configured for the UE.

4. The method of claim 1, further comprising:

in case that the extended DRX cycle in RRC_INACTIVE is within the first value range, determining a shorter one of the extended DRX cycle in RRC_INACTIVE and a CN paging cycle as a cycle for monitoring the RAN paging message and the CN paging message, wherein no CN PTW is configured for the UE.

5. The method of claim 1, further comprising:

monitoring, within the CN PTW, the RAN paging message and the CN paging message, wherein the extended DRX cycle in RRC_INACTIVE is within the first value range, the CN PTW is configured for the UE, and the CN PTW overlaps with a RAN PTW.

6. The method of claim 1, further comprising:

in case that the extended DRX cycle in RRC_INACTIVE is within the second value range, determining, within a RAN PTW which does not overlap with the CN PTW, a RAN paging cycle as a cycle for monitoring the RAN paging message, wherein the CN PTW is configured for the UE.

7. The method of claim 1, further comprising:

in case that the extended DRX cycle in RRC_INACTIVE is within the second value range, determining, based on the extended DRX cycle in RRC_INACTIVE, a RAN PTW for monitoring the RAN paging message within the extended DRX cycle in RRC_INACTIVE.

8. The method of claim 7, further comprising:

determining, based on a preset rule, a start position of the RAN PTW within the extended DRX cycle in RRC_INACTIVE; and

determining, based on the start position and a duration of the RAN PTW, an end position of the RAN PTW.

9. The method of claim 8, wherein the duration of the RAN PTW is indicated by a base station.

10. The method of claim 1, further comprising:

receiving the RAN paging message carrying extended DRX information in RRC_INACTIVE.

11. A communication method, performed by a first base station, comprising:

transmitting (701) extended discontinuous reception (DRX) information in RRC_INACTIVE,

wherein, in case that an extended DRX cycle in RRC_INACTIVE is within a first value range, the extended DRX information in RRC_INACTIVE is at least configured to indicate the extended DRX cycle in RRC_INACTIVE, and within a core network (CN) paging time window (PTW), a shortest one of the extended DRX cycle in RRC_INACTIVE, a CN paging cycle, and a default paging cycle is used to determine a cycle for a user equipment (UE) to monitor a RAN paging message and a CN paging message, wherein the CN PTW is configured for the UE; and

wherein, in case that the extended DRX cycle in RRC_INACTIVE is within a second value range, the extended DRX information in RRC_INACTIVE is at least configured to indicate the extended DRX cycle in RRC_INACTIVE and a RAN paging cycle, and within an overlapped part of a RAN PTW and a CN PTW, a shortest one of the RAN paging cycle, a CN paging cycle, and a default paging cycle is used to determine a cycle for the UE to monitor the RAN paging message and the CN paging message, wherein the CN PTW is configured for the UE;

wherein the second value range is different from the first value range.

12. The method of claim 11, wherein transmitting the extended DRX information in RRC_INACTIVE comprises:

transmitting the RAN paging message carrying the extended DRX information in RRC_INACTIVE to the UE or a second base station.

13. The method of claim 11, wherein transmitting the extended DRX information in RRC_INACTIVE comprises at least one of:

transmitting, by an anchor base station, the extended DRX information in RRC_INACTIVE to a non-anchor base station; or

transmitting, by a non-anchor base station, the extended DRX information in RRC_INACTIVE to an anchor base station;

wherein the method further comprises at least one of:

transmitting, by the first base station to a second base station, configuration information of the UE, wherein the first base station is the anchor base station, and the configuration information comprises the extended DRX information in RRC_INACTIVE;

determining, based on the extended DRX information in RRC_INACTIVE, the extended DRX cycle in RRC_INACTIVE configured for the UE, wherein the first base station is the non-anchor base station;

obtaining the extended DRX cycle in RRC_INACTIVE indicated in the extended DRX information in RRC_INACTIVE, wherein the first base station is the non-anchor base station, and the extended DRX cycle in RRC_INACTIVE is within a first value range; or

obtaining the extended DRX cycle in RRC_INACTIVE and a RAN paging cycle

indicated in the extended DRX information in RRC_INACTIVE, wherein the first base station is the non-anchor base station, and the extended DRX cycle in RRC_INACTIVE is within the second value range.

14. The method of claim 11, wherein,

the extended DRX cycle in RRC_INACTIVE is within the first value range;

a CN PTW is configured for the UE; and

outside the CN PTW, the extended DRX cycle in RRC_INACTIVE is configured to be determined as a cycle for monitoring the RAN paging message.

15. The method of claim 11, wherein,

the extended DRX cycle in RRC_INACTIVE is within the first value range;

no CN PTW is configured for the UE; and

the shorter one of the extended DRX cycle in RRC_INACTIVE and a CN paging cycle is configured to be determined as a cycle for monitoring the RAN paging message and the CN paging message.

16. The method of claim 11, further comprising:

transmitting the RAN paging message and the CN paging message within the CN PTW, wherein the CN PTW is configured for the UE, and the CN PTW overlaps with a RAN PTW.

17. The method of claim 11, wherein,

the extended DRX cycle in RRC_INACTIVE is within the second value range;

a CN PTW is configured for the UE; and

within a RAN PTW which does not overlap with the CN PTW, a RAN paging cycle is configured to be determined as a cycle for monitoring the RAN paging message.

18. The method of claim 11, wherein,

the extended DRX cycle in RRC_INACTIVE is within the second value range; and

the extended DRX cycle in RRC_INACTIVE is configured to be determined as a RAN PTW for monitoring the RAN paging message within the extended DRX cycle in RRC_INACTIVE.

19. The method of claim 18, wherein,

a start position of the RAN PTW within the extended DRX cycle in RRC_INACTIVE is

determined based on a preset rule; and

an end position of the RAN PTW is determined based on the start position and a duration of the RAN PTW.

20. The method of claim 19, wherein the duration of the RAN PTW is indicated by the first base station.

21. A user equipment (UE), comprising:

a processor, and

a memory having executable instructions stored thereon;

wherein when the processor executes the executable instructions, the communication device is configured to perform the method according to any one of claims 1-10.

22. A first base station, comprising:

a processor, and

a memory having executable instructions stored thereon;

wherein when the processor executes the executable instructions, the communication device is configured to perform the method according to any one of claims 11-20.