CLAIMS

1. A wireless communication method for use in a wireless terminal, the method comprising:

receiving, from a wireless network node, a radio resource control, RRC, signaling indicating that a discontinuous reception, DRX, group is configured by using a plurality of DRX configurations, and

using DRX parameters configured by using the plurality of DRX configurations to perform a DRX operation for the DRX group,

wherein start offsets of the plurality of DRX configurations are different.

2. The wireless communication method of claim 1, wherein the RRC signaling configures a serving cell, a carrier, a group of serving cells or a media access control, MAC, entity in the DRX group configured by using the plurality of DRX configurations.

3. The wireless communication method of claim 1 or 2, wherein the DRX parameters of the DRX group are configured separately based on each of the plurality of DRX configurations.

4. The wireless communication method of claim 1, wherein a time gap between any two start offsets of the plurality of DRX configurations is larger than a configured onDurationTimer.

5. The wireless communication method of any of claims 1 to 4, wherein the plurality of DRX configurations shares at least one common parameter.

6. The wireless communication method of claim 5, wherein the at least one common parameter comprises at least one of a drx-onDurationTimer or a drx-inactivity timer.

7. The wireless communication method of any of claims 1 to 6, wherein a DRX cycle of

each of the plurality of DRX configurations is determined based on:

$$\frac{1000}{fps} = \frac{A}{B}, \text{where } \frac{\text{A}}{\text{B}} \text{ is irreducible fraction}$$

wherein fps is a value of frames per second and the DRX cycle is configured as A.

8. The wireless communication method of any of claims 1 to 6, wherein a DRX cycle of each of the plurality of DRX configurations is configured by:

$$drx\ cycle = function\left(\frac{1000}{fps}\right),$$

wherein the function is a round function, a round up function or a round down function.

9. The wireless communication method of any of claims 1 to 8, further comprising:

receiving, from the wireless network node, a wake up signal of activating or deactivating the DRX group configured by using the plurality of DRX configurations.

10. A wireless communication method for use in a wireless network node, the method comprising:

transmitting, to a wireless terminal, a radio resource control, RRC, signaling indicating that a discontinuous reception, DRX, group is configured by using a plurality of DRX configurations,

wherein start offsets of the plurality of DRX configurations are different.

11. The wireless communication method of claim 10, wherein the RRC signaling configures a serving cell, a carrier, a group of serving cells or a media access control, MAC, entity in the DRX group.

12. The wireless communication method of any of claims 10 and 11, wherein a time gap between any two start offsets of the plurality DRX configurations is larger than a configured onDurationTimer.

13. The wireless communication method of any of claims 10 to 12, wherein the plurality of DRX configurations shares at least one common parameter.

14. The wireless communication method of any of claims 10 to 13, wherein a drx cycle of each of the plurality of DRX configurations is determined based on:

$$\frac{1000}{fps} = \frac{A}{B}, \text{where } \frac{\text{A}}{\text{B}} \text{ is irreducible fraction,}$$

wherein fps is a value of frames per second and the DRX cycle is configured as A.

15. The wireless communication method of any of claims 10 to 13, wherein a DRX cycle of each of the plurality of DRX configurations is configured by:

$drx\ cycle = function\left(\frac{1000}{fps}\right)$,

wherein the function is a round function round up function or a round down function.

16. The wireless communication method of any of claims 10 to 15, further comprising:

transmitting, to the wireless terminal, a wake up signal of activating or deactivating the DRX group configured by using the plurality of DRX configurations.

17. A wireless terminal, comprising:

a communication unit, configured to receive, from a wireless network node, a radio resource control, RRC, signaling indicating that a discontinuous reception, DRX, group is configured by using a plurality of DRX configurations, and

a processor, configured to use DRX parameters configured by using the plurality of DRX configurations to perform a DRX operation for the DRX group,

wherein start offsets of the plurality of DRX configurations are different.

18. A wireless network node, comprising:

a communication unit, configured to transmit, to a wireless terminal, a radio resource control, RRC, signaling indicating a discontinuous reception, DRX, group is configured by using a plurality of DRX configurations, wherein start offsets of

the plurality of DRX configurations are different.

19. A computer program product comprising a computer-readable program medium code stored thereupon, the code, when executed by a processor of a wireless terminal, causing the processor to implement a wireless communication method recited in any one of claims 1 to 9.

20. A computer program product comprising a computer-readable program medium code stored thereupon, the code, when executed by a processor of a wireless network node, causing the processor to implement a wireless communication method recited in any one of claims 10 to 18.