WHAT IS CLAIMED IS:

1. A paging grouping method, performed by a base station, comprising:

sending indication information to a terminal, the indication information indicating a paging grouping mode of the terminal; wherein the indication information indicates a number of paging groups that support a user equipment-identity (UE-ID)-based paging grouping mode;

wherein the indication information comprises a first indication value, the first indication value is N, where N is greater than 0 and less than a total number of paging groups, the first indication value indicating that the indication information supports both a network-assigned paging grouping mode and the UE-ID-based paging grouping mode; or

the indication information comprises a second indication value, wherein the second indication value is 0, and the second indication value indicating that the indication information supports the network-assigned paging grouping mode.

2. The method of claim 1, wherein the indication information indicates support for at least one of following paging grouping modes:

a network-assigned paging grouping mode; or

a UE-ID-based paging grouping mode.

3. The method of claim 1, further comprising:

configuring the indication information based on an existence of a paging early indication (PEI) physical resource configuration.

4. The method of claim 3, wherein

the indication information comprises a first indication field, the first indication field indicating that the indication information supports a network-assigned paging grouping mode, or that the indication information supports both the network-assigned paging grouping mode and a UE-ID-based paging grouping mode.

5. The method of claim 3, wherein

a first indication field is not comprised in the indication information, the indication information indicating support for a UE-ID-based paging grouping mode.

6. A paging grouping method, performed by a terminal, comprising:

receiving indication information sent by a base station, the indication information indicating a paging grouping mode of the terminal; wherein the indication information indicates a number of paging groups that support a user equipment-identity (UE-ID)-based paging grouping mode;

wherein the indication information comprises a first indication value, the first indication value is N, where N is greater than 0 and less than a total number of paging groups, the first

indication value indicating that the indication information supports both a network-assigned paging grouping mode and the UE-ID-based paging grouping mode; or

the indication information comprises a second indication value, wherein the second indication value is 0, and the second indication value indicating that the indication information supports the network-assigned paging grouping mode.

7. The method of claim 6, wherein the indication information indicates support for at least one of following paging grouping modes:

a network-assigned paging grouping mode; or

a UE-ID-based paging grouping mode.

8. The method of claim 6, wherein

the indication information comprises a first indication field, the first indication field indicating that the indication information supports a network-assigned paging grouping mode, or that the indication information supports both the network-assigned paging grouping mode and a UE-ID-based paging grouping mode.

9. The method of claim 7, wherein

a first indication field is not comprised in the indication information, the indication information indicating support for a UE-ID-based paging grouping mode.

10. A paging grouping apparatus, comprising:

a sending module, configured to send indication information to a terminal, the indication information indicating a paging grouping mode of the terminal; wherein the indication information indicates a number of paging groups that support a user equipment-identity (UE-ID)-based paging grouping mode;

wherein the indication information comprises a first indication value, the first indication value is N, where N is greater than 0 and less than a total number of paging groups, the first indication value indicating that the indication information supports both a network-assigned paging grouping mode and the UE-ID-based paging grouping mode; or

the indication information comprises a second indication value, wherein the second indication value is 0, and the second indication value indicating that the indication information supports the network-assigned paging grouping mode.

11. A paging grouping apparatus, comprising:

a receiving module, configured to receive indication information sent by a base station, the indication information indicating a paging grouping mode of the terminal; wherein the indication information indicates a number of paging groups that support a user equipment-identity (UE-ID)-based paging grouping mode;

wherein the indication information comprises a first indication value, the first indication value is N, where N is greater than 0 and less than a total number of paging groups, the first indication value indicating that the indication information supports both a network-assigned paging grouping mode and the UE-ID-based paging grouping mode; or

the indication information comprises a second indication value, wherein the second indication value is 0, and the second indication value indicating that the indication information supports the network-assigned paging grouping mode.

12. A communication device, comprising:

a processor; and

a memory having a computer program stored thereon;

wherein the processor performs the computer program stored on the memory to cause the communication device to perform the method of any one of claims 1-5.

13. A communication device, comprising:

a processor; and

a memory having a computer program stored thereon;

wherein the processor performs the computer program stored on the memory to cause the communication device to perform the method of any one of claims 6-9.

14. A communication device, comprises: a processor and an interface circuit, wherein

the interface circuit is configured to receive code instructions and transmit the code instructions to the processor; and

the processor is configured to run the code instructions to perform the method of any one of claims 1-5 or the method of any one of claims 6-9.

15. A computer-readable storage medium for storing instructions, wherein when the instructions are executed, the method of any one of claims 1-5 is implemented.

16. A computer-readable storage medium for storing instructions, wherein when the instructions are executed, the method of any one of claims 6-9 is implemented.