What is claimed is:

1. A method for signal transmission, applied to a NR system, comprising:

receiving, by a terminal device, first configuration information transmitted by a network device;

determining, by the terminal device, a first time domain resource and a first time domain granularity corresponding to the first time domain resource according to the first configuration information; and

searching, by the terminal device, for a downlink control channel on the first time domain resource by taking the first time domain granularity as a searching period,

wherein the method further comprises:

if the terminal device does not receive the first configuration information transmitted by the network device, determining, by the terminal device, a second time domain resource and a second time domain granularity corresponding to the second time domain resource according to predefined second configuration information; and

searching, by the terminal device, for the downlink control channel on the second time domain resource by taking the second time domain granularity as a searching period,

wherein the second configuration information is determined according to at least one of:

a frequency band, a carrier, a system bandwidth, and a numerology.

2. The method according to claim 1, wherein receiving, by the terminal device, the first configuration information transmitted by the network device comprises:

receiving, by the terminal device, the first configuration information transmitted by the network device through high-layer signaling.

3. The method according to claim 2, wherein the method further comprises:

receiving, by the terminal device, third configuration information sent by the network device;

determining, by the terminal device, a third time domain resource in the first time domain resource and a third time domain granularity corresponding to the third time domain resource according to the third configuration information; and

searching, by the terminal device, for the downlink control channel on the third time domain resource by taking the third time domain granularity as a searching period.

4. The method according to claim 3, wherein receiving, by the terminal device, the third configuration information sent by the network device comprises:

receiving, by the terminal device, the third configuration information transmitted by the

network device through downlink control information (DCI).

5. The method according to any one of claims 1-4, wherein the first time domain resource is indicated by at least one of the following:

a starting position, an ending position, and a time domain length of the first time domain resource.

6. The method according to any one of claims 1-5, wherein the starting position or ending position of the first time domain resource is indicated by one of the following:

a time domain offset relative to a time domain position of a synchronization signal or broadcast channel, or a slot boundary, or a subframe boundary,

wherein the time domain offset is in units of at least one symbol, or a preset quantity of symbols, or a slot, or a micro-slot.

7. The method according to any one of claims 1-6, wherein the first time domain granularity is in units of at least one symbol, or a preset quantity of symbols, or a slot, or a micro-slot.

8. A terminal device, applied to a NR system, comprising:

a communication module, used for receiving first configuration information transmitted by a network device; and

a determination module, used for determining a first time domain resource and a first time domain granularity corresponding to the first time domain resource according to the first configuration information;

wherein the communication module is further used for searching for a downlink control channel on the first time domain resource by taking the first time domain granularity as a searching period,

wherein the determination module is further used for:

if the terminal device does not receive the first configuration information transmitted by the network device, determining a second time domain resource and a second time domain granularity corresponding to the second time domain resource according to predefined second configuration information;

the communication module is further used for:

searching for the downlink control channel on the second time domain resource by taking the second time domain granularity as a searching period,

wherein the second configuration information is determined according to at least one of the following:

a frequency band, a carrier, a system bandwidth, and a numerology.

9. The terminal device according to claim 8, wherein the communication module is specifically used for:

receiving the first configuration information transmitted by the network device through high-layer signaling.

10. The terminal device according to claim 9, wherein the communication module is further used for:

receiving third configuration information transmitted by the network device;

the determination module is further used for:

determining a third time domain resource in the first time domain resource and a third time domain granularity corresponding to the third time domain resource according to the third configuration information;

the communication module is further used for:

searching for the downlink control channel on the third time domain resource by taking the third time domain granularity as a searching period.

11. The terminal device according to claim 10, wherein the communication module is further used for:

receiving the third configuration information transmitted by the network device through downlink control information (DCI).

12. The terminal device according to any one of claims 8 to 11, wherein the first time domain resource is indicated by at least one of:

a starting position, an ending position, and a time domain length of the first time domain resource;

or

wherein the starting position or ending position of the first time domain resource is indicated by one of the following:

a time domain offset relative to a time domain position of a synchronization signal or broadcast channel, or a slot boundary, or a subframe boundary,

wherein the time domain offset is in units of at least one symbol, or a preset quantity of symbols, or a slot, or a micro-slot.

13. The terminal device according to any one of claims 8-12, wherein the first time domain granularity is in units of at least one symbol, or a preset quantity of symbols, or a slot, or a micro-slot.