What is claimed is:

1. A method for determining a detection range for a control channel in a multi-beam system, comprising:

sending, by a network device, configuration information to a terminal device, wherein the configuration information is used for the terminal device to determine a time domain resource, except a second time domain resource, in which control channel detection is required within a target downlink time period according to the configuration information, and the time domain resource comprises multiple time domain scheduling units; and wherein the configuration information is used for indicating the second time domain resource within the target downlink time period, the second time domain resource comprising a synchronization signal and a broadcast channel.

2. The method according to claim 1, wherein no synchronization signal or broadcast channel is included in time domain resources except the second time domain resource within the target downlink time period.

3. A method for determining a detection range for a control channel in a multi-beam system, comprising:

receiving, by a terminal device, configuration information sent by a network device, wherein the configuration information is used for the terminal device to determine a time domain resource in which control channel detection is required within a target downlink time period according to the configuration information;

determining, by the terminal device, the time domain resource in which the control channel detection is required within the target downlink time period according to the configuration information, wherein the time domain resource comprises multiple time domain scheduling units; and wherein the configuration information is used for indicating a second time domain resource within the target downlink time period, the second time domain resource comprising a synchronization signal and a broadcast channel;

wherein, determining, by the terminal device, the time domain resource in which the control channel detection is required within the target downlink time period according to the configuration information, comprises:

determining a time domain resource, except the second time domain resource within the target downlink time period, as the time domain resource in which the control channel detection is required.

4. The method according to claim 3, wherein no synchronization signal or broadcast channel is included in time domain resources except the second time domain resource within the target downlink time period.

5. A network device, comprising:

a processing module, used for generating configuration information, wherein the configuration information is used for a terminal device to determine a time domain resource, except a second time domain resource, in which control channel detection is required within a target downlink time period according to the configuration information, and the time domain resource comprises multiple time domain scheduling units;

a transceiving module, used for sending the configuration information to the terminal device; wherein the configuration information is used for indicating the second time domain resource within the target downlink time period, the second time domain resource comprising a synchronization signal and a broadcast channel.

6. The network device according to claim 5, wherein no synchronization signal or broadcast channel is included in time domain resources except the second time domain resource within the target downlink time period.

7. A terminal device, comprising:

a transceiving module, used for receiving configuration information sent by a network device, wherein the configuration information is used for the terminal device to determine a time domain resource in which control channel detection is required within a target downlink time period according to the configuration information.

a processing module, used for determining the time domain resource in which the control channel detection is required within the target downlink time period according to the configuration information, wherein the time domain resource comprises multiple time domain scheduling units; and wherein the configuration information is used for indicating a second time domain resource within the target downlink time period, the second time domain resource comprising a synchronization signal and a broadcast channel;

wherein the processing module is further configured to:

determine a time domain resource, except the second time domain resource, within the target downlink time period as the time domain resource in which the control channel detection is required.

8. The terminal device according to claim 7, wherein none of time domain resources except the second time domain resource within the target downlink time period comprises a synchronization signal or a broadcast channel.