Fig. 14 is still another structural block diagram of an information transmission apparatus according to an embodiment of the present invention, as shown in Fig. 14, the apparatus includes:

The third sending module 1402 is configured to send at least one piece of third functional module information. The third functional module information includes at least one of the following: a function implemented by a functional module; input information required by the functional module; output information of the functional module; and information on whether the functional module is enabled.

Through the present invention, the first node sends at least one piece of the third functional module information. The third functional module information includes at least one of the following: the function implemented by the functional module; the input information required by the functional module; the output information of the functional module; and the information on whether the functional module is enabled. By adopting the above technical solution, the problem that a second node or a third node cannot know the third functional module information in the related art is solved. Then, through interaction with the second node or the third node, the functional module information is sent to the second node or the third node.

In an embodiment, the first node is a second-type terminal, and the second-type terminal includes at least one of the following: a terminal registered, authorized, or authenticated in the third node or the second node; and a terminal that is allowed to send the functional module information by the third node or the second node.

In an embodiment, the terminal 1 is a terminal registered/authorized/authenticated in the AI server or the TRP. At the same time, the terminal 1 stores four sets of models of uplink data channel functional modules, numbered as models 1, 2, 3 and 4, respectively, corresponding to different performance indicators, as shown in Table 4 below.

Table 4

Model number	Data Rate	Jamming intensity to neighboring cell	Power consumption
Model 1	Low	Low	Low
Model 2	Medium	Low	Low
Model 3	High	Medium	Medium
Model 4	Extremely high	Medium	High

The terminal 1 reports the performance indicators of the above four models, the input