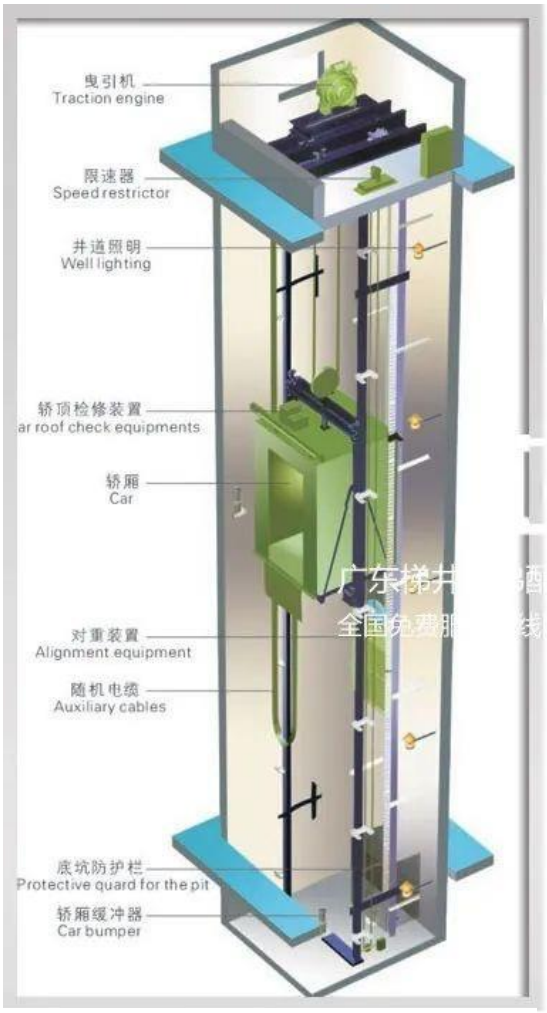
Elevator control module manual

In order to be compatible with various elevator brands and various customer sites. The Robit elevator control module is a rebuilt ranging capability (judging floors) + floor button simulation function + cloud control platform to realize the Robit robot's control of the elevator at the customer's place.

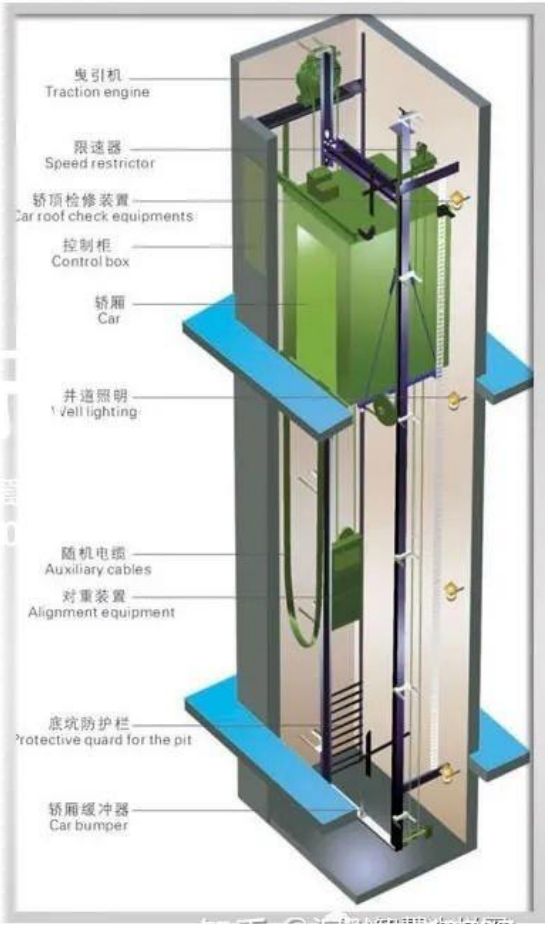
Elevator control module

UWB

Elevator type

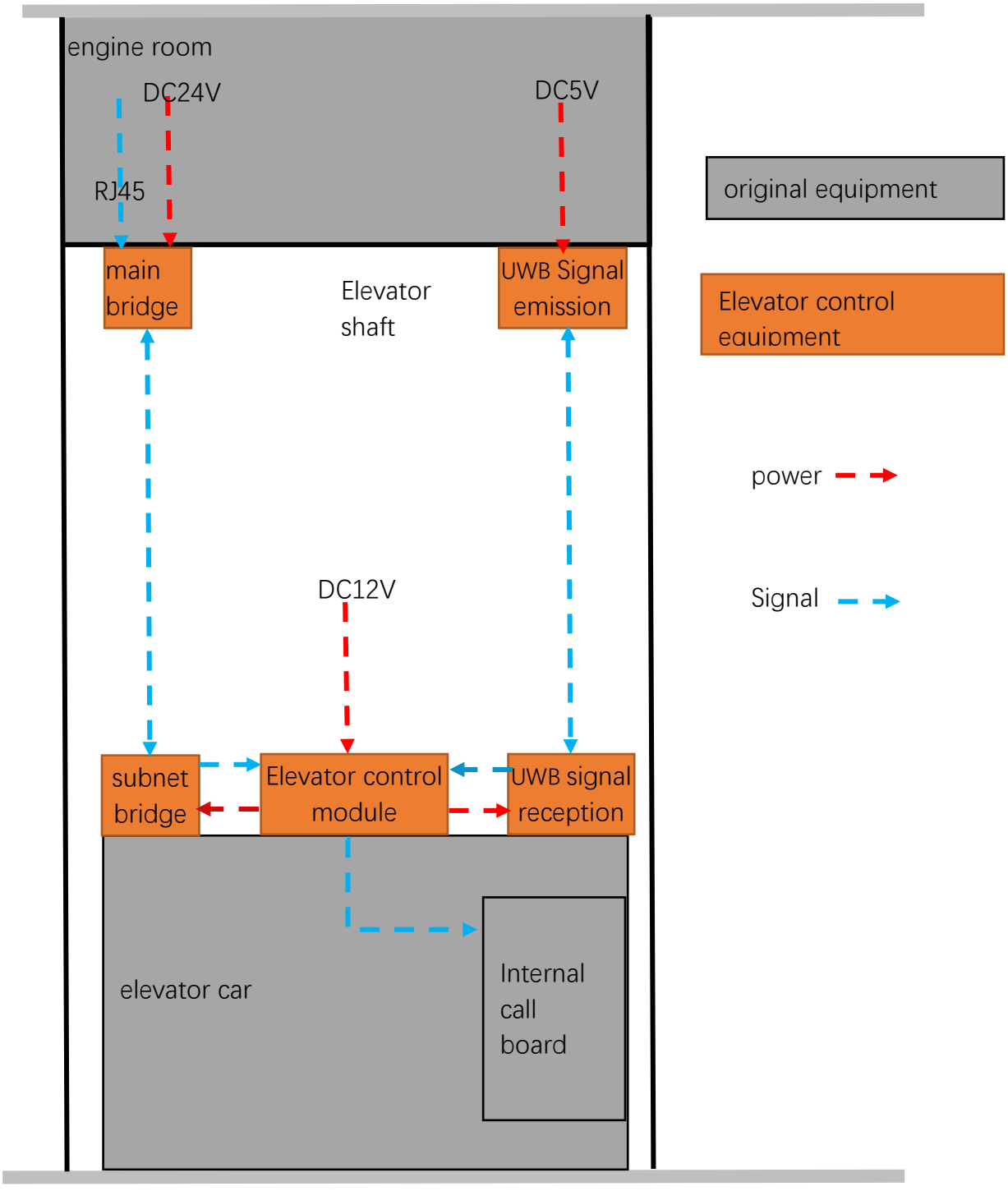


elevator in machine room



Room-less elevator

Elevator scene and elevator control module composition and deployment diagram



The elevator control module is installed on the elevator car and provides DC12V power supply to the elevator control module. The main network bridge and UWB signal transmitter are installed on the upper end of the elevator shaft, and the DC24V and DC5V power supplies are decomposed and connected.

The main network bridge connects the building network signal, and provides the network to the elevator control module through the sub-master network bridge.

The UWB signal transmission and UWB signal reception determine the floor number of the elevator car through the distance, and transmit the floor information to the elevator control module.

The elevator control module achieves the required floor opening and closing door requirements by simulating the elevator key signal.

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FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception,
which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different
from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC’s RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.