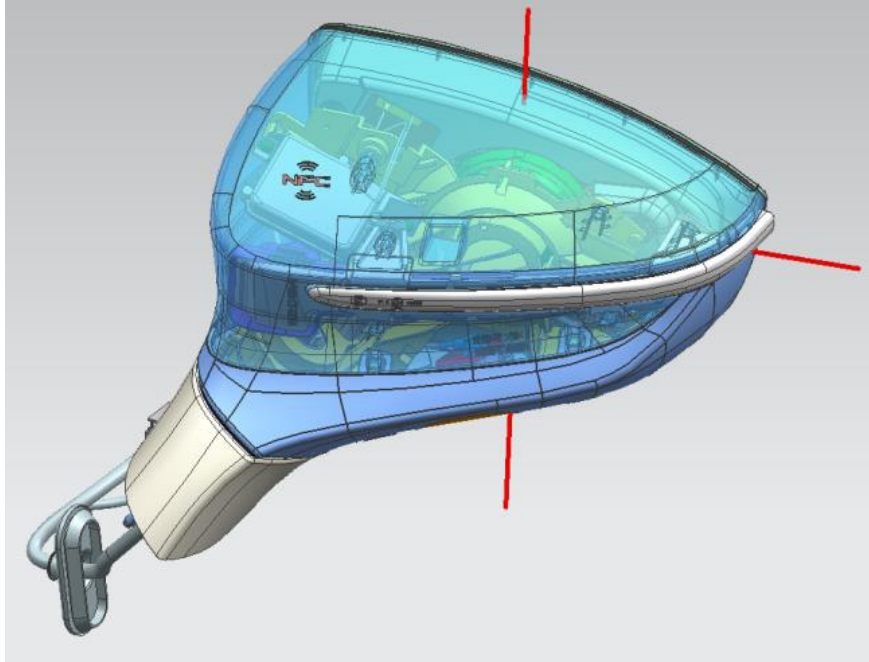


## User Manual-SC2ER-3642700:

Use the BYD Auto APP to activate Android NFC and Bluetooth car keys, use the mobile phone to realize the NFC unlocking function, and use the mobile phone NFC key when the mobile phone is out of power; You can also use the BYD official NFC card to activate the NFC card key to achieve NFC card key unlock function. The product can open 4 NFC card keys and 4 mobile NFC keys at the same time.

### Installation location



### The main parameters:

Operating Temperature	-40°C to +85°C
operation Frequency	13.56MHZ ( ±1M )
Modulation Type	BPSK&ASK
NFC Sensing distance	0-5cm , The longest distance is not less than 2.75cm
Operating Voltage	5V
Operating Current	40-300mA

Quiescent Current	< 8mA
Protection Class	IP5K8
CANFD	500K

Product Termination Connector Pin Definition:

pin number	port name	port definition	Harness connection	signal type	Steady state operating current/A	power	Remark
1	power	VBAT	Connect to the left domain controller pin	power	<1A	5v	Orange line
2	GND	GND	GND	GND	<1A		two-color line
3	CAN	CANFD-H	Connect to Smart access network	CANFD signal	<0.1A		Pink line
4	CAN	CANFD-L	Connect to Smart access network	CANFD signal	<0.1A		purple line

FCC Warning:

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

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.

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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.