

SMART MOBILITY

Customizable Automotive Key Fob Core Device

1. Housing: Middle Frame

Material: PC + ABS

Features for hook attachment mechanism. This piece protects the hardware, the battery and keeps the key hidden

2. Hardware: PCB Assembly

Communication: BLE + UWB + NFC

Customizable hardware configuration:

2 buttons: Lock/Unlock

4 buttons: Lock/Unlock/Hood/Trunk

3. IP67: Top seal

Material: Rubber

Ingress protection code: IP67, Water immersion, up to 1 meter (3 ft 3 in) depth for 30 minutes. The seal is achieved by assembling the middle frame to a top case

4. Power Supply: Coin Battery

2450 Coin battery

5. IP67: Bottom Seal

Material: Rubber

Ingress protection code: IP67, Water immersion, up to 1 meter (3 ft 3 in) depth for 30 minutes. The seal is achieved by assembling the middle frame to a bottom case or battery cover

6. Keyblade

Material: Stainless steel



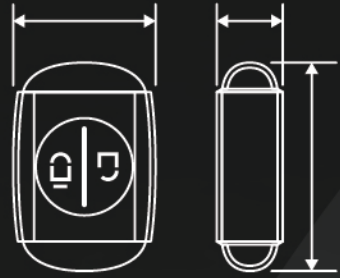
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Customizable Automotive Key Fob SMK Generic Key Fob

1. Mechanical Specifications

Product size: 40 mm x 60 mm x 19 mm

Size with attached ends features: 40mm x 63 mm x 19 mm



Ingress protection code: IP67, Immersion, up to 1 meter (3 ft 3 in) depth for 30 minutes

Materials: ABS + PC, TPE for buttons and Rubber for seals (check page 1 or 3 for details)



Sound and feeling of click when pressing the keys, the concave shape of the keys prevents accidental pressing in the pocket



2. Texture to Improve the User Grip/Handle

Textures can change according to product function or customer requirements



3. Battery Cover Release

Use a coin or flat tool to remove the battery cover



4. Physical Key Inside the Key Fob*

The key is attached through a manual release mechanism

*Physical key not included. To be supplied by OEM



5. Configurable Ends to Change Aesthetics or Add Functions

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Customizable Automotive Key Fob

1. Customizable Ends:

Material: PC + ABS

The top and bottom end of the device allows additional features to be added or removed to accommodate use by different users. These changes can be for aesthetics, branding or function



The bottom can be enlarged to add customer logo and branding

Pocket clip function on top

Belt loop function on top

Examples of aesthetic changes



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Customizable Automotive Key Fob Device Communication, Wireless Interface

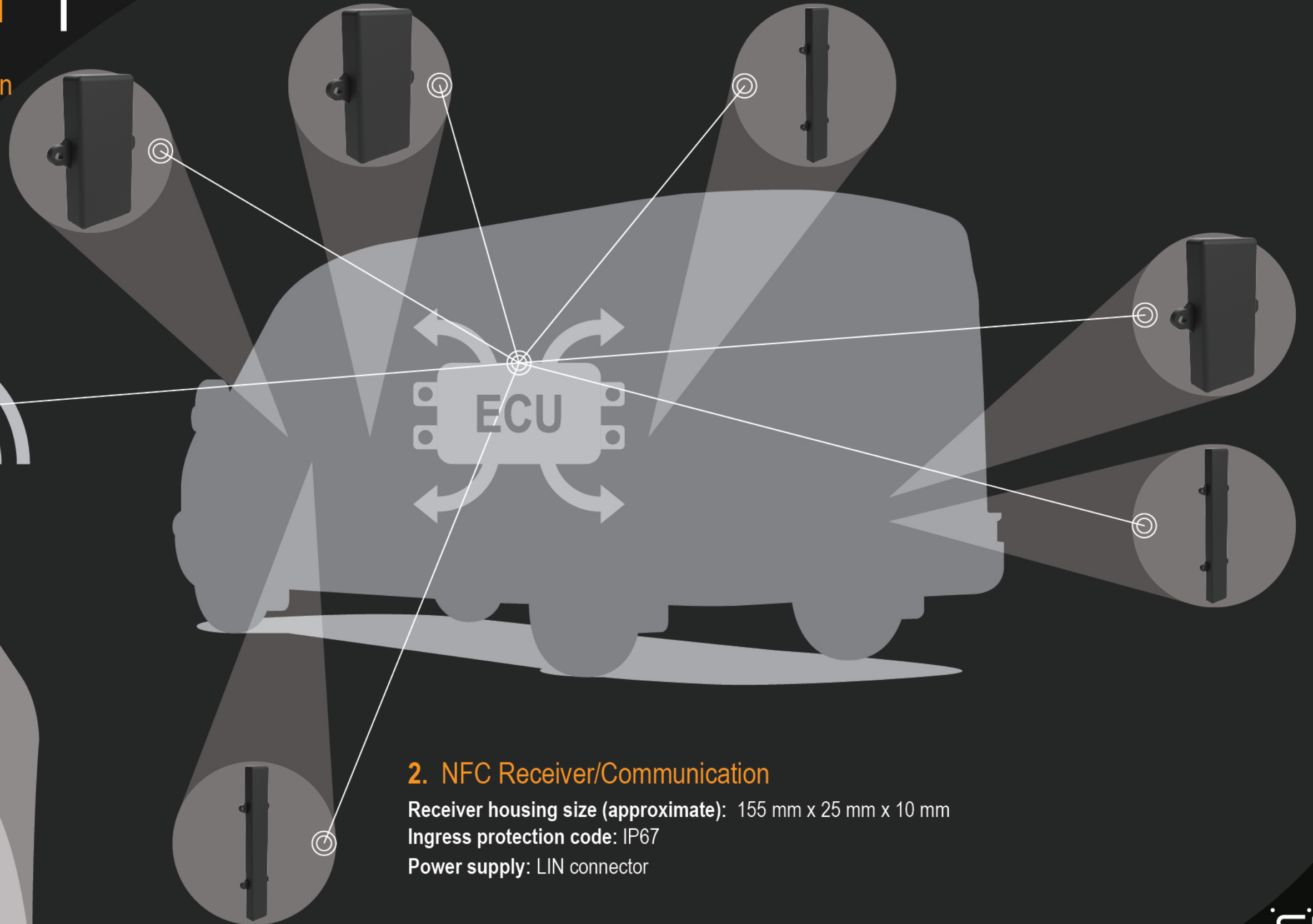
2. NFC Receiver/Communication

Receiver housing size (approximate) :

55 mm x 25 mm x 10 mm

Ingress protection code: IP67

Power supply: LIN connector



2. NFC Receiver/Communication

Receiver housing size (approximate): 155 mm x 25 mm x 10 mm

Ingress protection code: IP67

Power supply: LIN connector