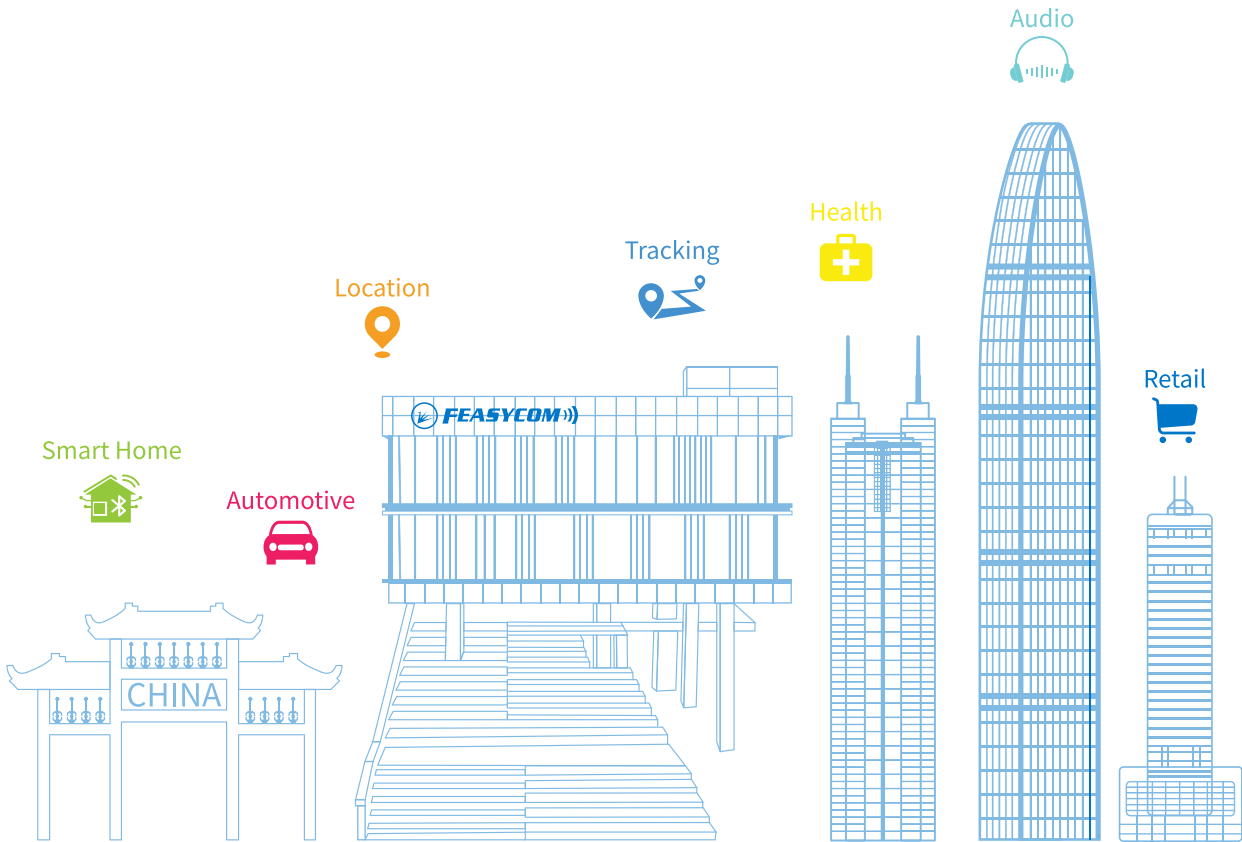


# IoT Modules & Solutions

Bluetooth · Wi-Fi · UWB · Matter · NB-IoT · CAT-M · RFID · Antenna



## Services



Firmware & Hardware  
Development



Structure & Industrial  
Design



APP Support



Cloud Service



SDK



Depth  
Customization

## Company Profile

Feasycom focuses on the research and development of IoT products and services. We have rich solution categories covering technologies like Bluetooth, Wi-Fi, RFID, 4G, Matter, UWB, etc. and products like modules, beacons, gateways, adapters, etc. In addition, we can provide one-stop solution customization and technical support services based on customer requirements, including hardware, firmware, APP, cloud, etc.

Make communication easy and free. It is this belief that leads Feasycom continue to explore, innovate and strive to provide users with an easy and free communication way.



# BLE AoA Solution

Open API Locating and IoT data Interface.

Sub-meter positioning accuracy, laboratory test 0.1~1m.

Widely adopted in various applications such as asset tracking, indoor navigation, and proximity marketing, offering enhanced location accuracy and improved user experiences.

## Application



AoA Wristband



AoA Badge



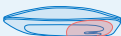
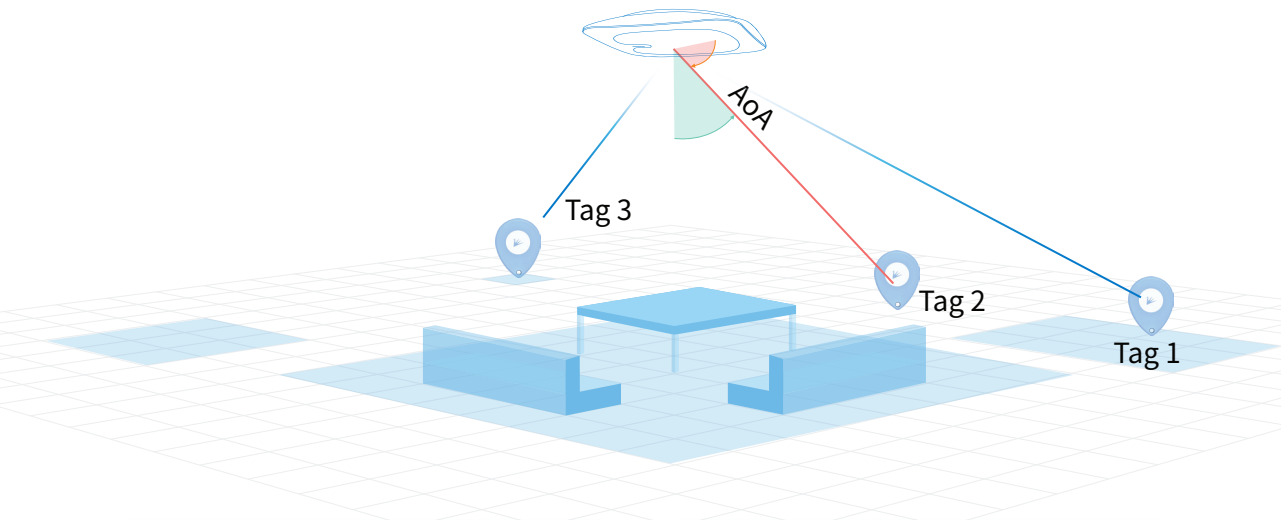
AoA Gateway



AoA Tag



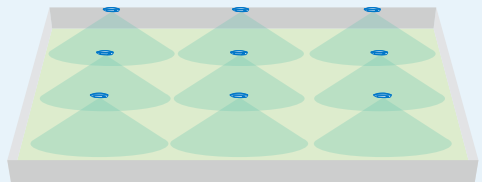
AoA Tag



High precision positioning area (accuracy 0.1-0.5m)

Sub-meter positioning area (accuracy 0.5-1.0m)

Single-area 2D positioning

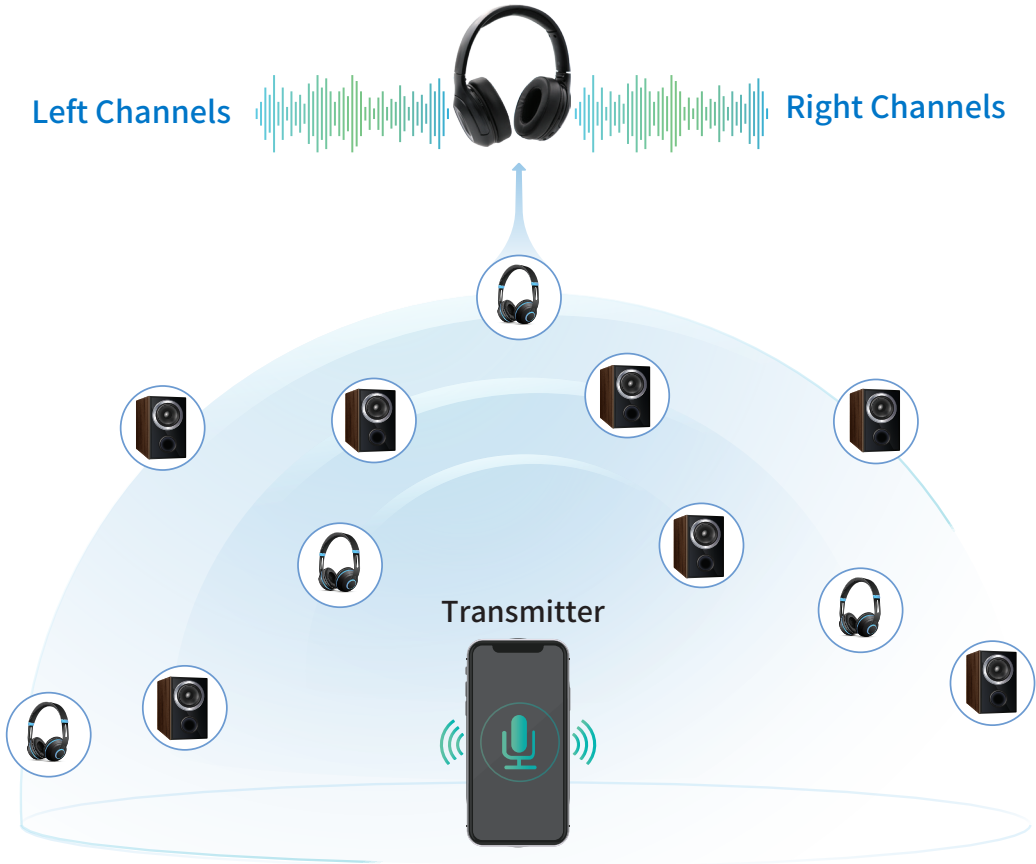


Large area 2D positioning

# LE Audio Solution

## Auracast & Low Latency Audio

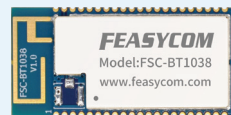
Delivering a truly immersive sound experience by providing distinct left and right channels.



Supporting Broadcast Audio to Unlimited Devices Simultaneously.



|             |   |
|-------------|---|
| Model:      | FSC-BT631D  |
| Chipset:    | Nordic nRF5340  |
| Profiles :  | GAP, ATT, GATT, SMP, L2CAP  |
| Interfaces: | UART/I <sup>2</sup> S/USB   |
| Features:   | Bluetooth 5.4<br>LE Audio&Classic Bluetooth Audio<br>Low Complexity Communications Codec (LC3)<br>TELEC certified |



|             |   |
|-------------|---|
| Model:      | FSC-BT1038A/BT1038B   |
| Chipset:    | QCC3083/QCC3084   |
| Profiles :  | HFP, A2DP, AVRCP, SPP, PBAP, LEA-BIS  |
| Interfaces: | UART/I <sup>2</sup> S/PCM/USB   |
| Features:   | Bluetooth 5.4<br>LE Audio&Classic Bluetooth Audio<br>Low Complexity Communications Codec (LC3)<br>Supports aptX, aptX HD, aptX Lossless,<br>aptX Adaptive<br>TELEC certified(BT1038A) |

# Retail Terminals Solution

- ▼ Bluetooth: Support SPP, HID, GATT
- ▼ Wi-Fi: Support TCP, HTTP, UDP, MQTT, EAP, WebSocket
- ▼ USB: Support HID, CDC
- ▼ High-Speed Mode (Android : 80KB/s SPP, iOS : 65KB/s GATT)
- ▼ Multiple Connection Mode ( Connect to 7 Android phones and 1 iPhone at the same time)
- ▼ Support Apple MFi Certification (iAP2)

## Application



Wireless Scanner



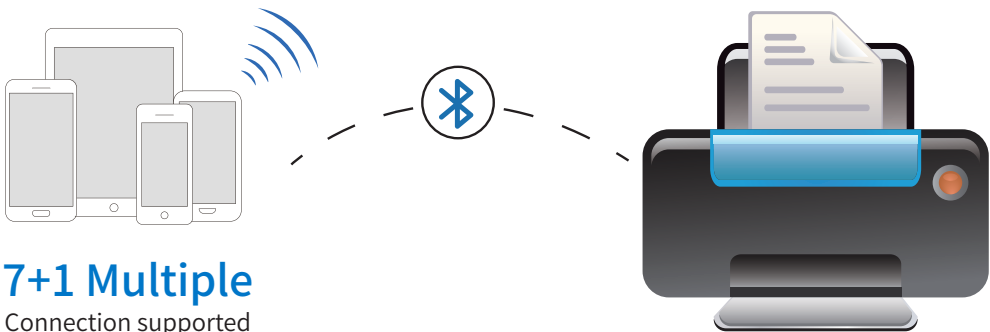
USB Dongle



Mobile Printer



POS Printer



**7+1 Multiple**  
Connection supported

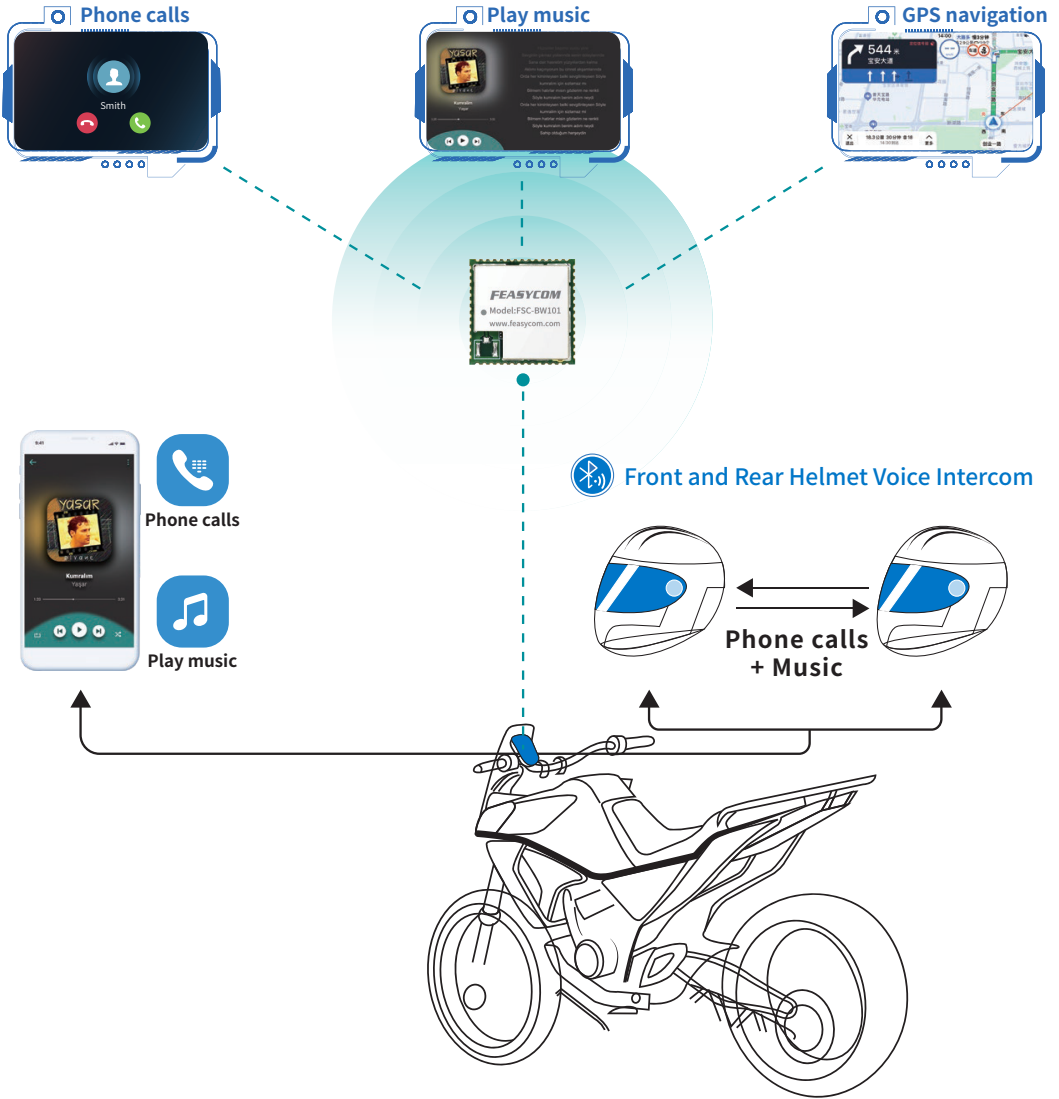


|              |  |
|--------------|--|
| Model:       | FSC-BT836B   |
| BT Profiles: | BT 5.0 Dual mode SoC ( BR/EDR/BLE )  |
| Interfaces:  | UART (AT Command), I <sup>2</sup> C, PWM, USB  |
| Features:    | SPP, GATT, iAP2, HID, MAP<br>7+1 Multiple Connection supported<br>High Speed (80KB/s, 65KB/s) supported<br>ANCS supported<br>HW Flow control supported |



|             |  |
|-------------|--|
| Model:      | FSC-BW236  |
| Interfaces: | UART, SPI, USB   |
| Profiles:   | TCP, UDP, HTTP, MQTT, EAP, WebSocket, GATT   |
| Features:   | Bluetooth LE 5.0<br>FCC, CE, IC, KC, TELEC certified<br>Wi-Fi 4, 802.11 a/b/g/n<br>2.4G/5G Dual band SoC<br>Major Cloud Platform<br>Wi-Fi Roaming<br>Enterprise: EAP-TLS, EAP-PEAP, EAP-TTLS |

# Motorcycle Solution



|             |  |
|-------------|--|
| Model:      | FSC-BT936B                                   |
| Profiles:   | SPP, GATT, iAP2, HID, HSP/HFP, A2DP, AVRCP   |
| Interfaces: | UART, I <sup>2</sup> C, PCM/I <sup>2</sup> S |
| Features:   | CSR8811<br>Audio transmitter and receiver    |



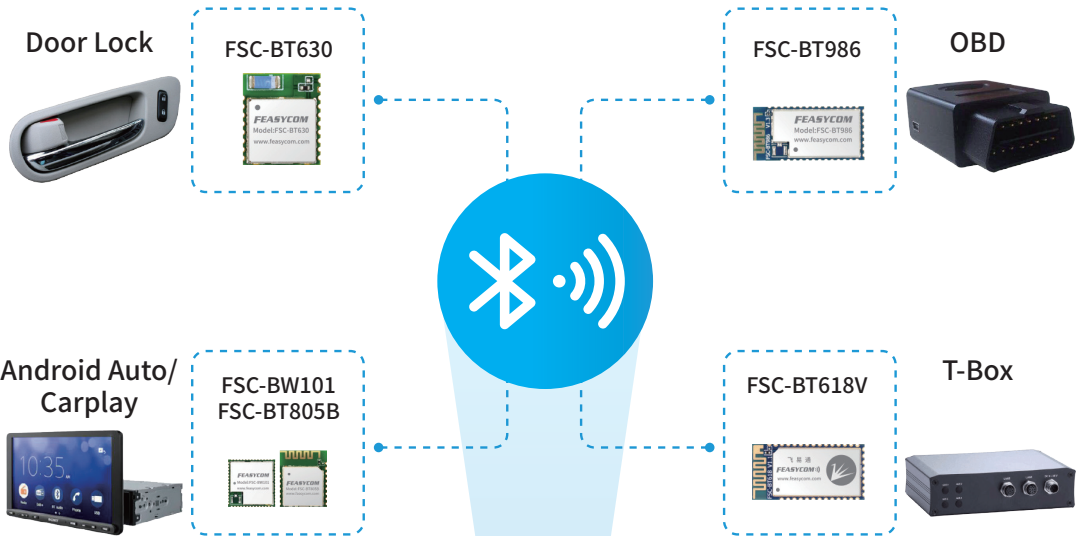
|             |  |
|-------------|--|
| Model:      | FSC-BW101  |
| Standard:   | Bluetooth 5.0 Dual-mode<br>802.11a/b/g/n/ac  |
| Interfaces: | UART, PCM, SDIO  |
| Features:   | Based on QCA9377-3<br>Bluetooth HCI interface, working with Feasycom Bluetooth stack.<br>Supporting profiles like SPP, GATT, HID, A2DP, AVRCP, HFP, PBAP, etc. |

# Automotive Solution

Feasycom has its own Bluetooth protocol stack, which supports most Bluetooth profiles, such as HFP, A2DP, PBAP, MAP, iAP2, Android Auto, Carplay and so on.

Widely used in IVI System, Door Lock, T-BOX, OBD, etc.

## ■ Application



# Feasycom BLE Mesh, Matter Solutions

Bluetooth Mesh allows every node to participate in the relay of information. Mesh networks dynamically self-organize and self-configure, which contributes to fault-tolerance and reduced installation and maintenance costs.

Matter is based on Internet Protocol (IP) and aims to improve interoperability and compatibility between different manufacturer and security, and always allowing local control as an option.



|             |  |
|-------------|--|
| Model:      | FSC-BW236  |
| Profiles:   | BLE, Wi-Fi, Matter over Wi-Fi  |
| Interfaces: | UART, I2C, SPI   |
| Features:   | Realtek RTL8720DN<br>BLE 5.2<br>802.11a/b/g/n<br>2.4G & 5G Dual Band |



|             |   |
|-------------|---|
| Model:      | FSC-BT660   |
| Profiles:   | BLE, Zigbee, Matter over Thread, Mesh               |
| Interfaces: | UART, PCM   |
| Features:   | Silicon Labs EFR32MG24<br>BLE 5.3<br>Multi-protocol |



# RFID retail Solution

One-stop UHF RFID solution for footwear and clothing retail

Innovative multi-beam technology perfectly meets the anti-theft needs of entrances and exits

Handheld positioning terminal solves the problem of inventory counting and searching

Fashion trend collection supports clothing enterprises to make fast and accurate decisions

Fast cashier settlement, improve store operating efficiency

## Application products



RFID Gate Reader



Integrated Reader



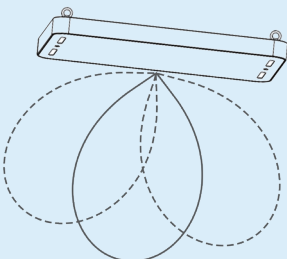
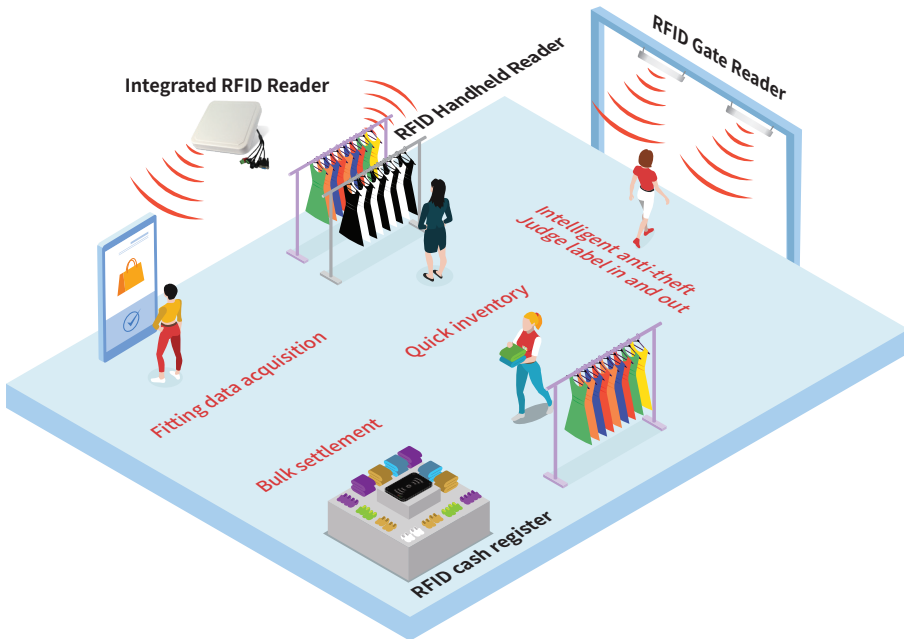
Handheld Reader



Desktop Reader



RFID Reader



Multi-beam positioning system



Zonal coverage at entrance and exit



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