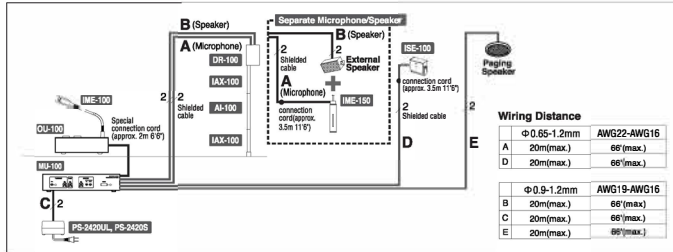
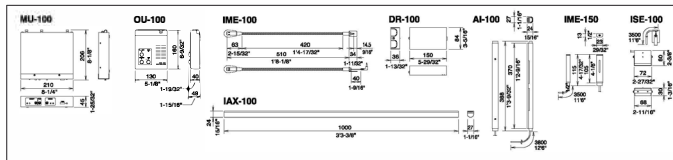


### Cabling



### Unit Dimensions



### Specifications

#### Main Kit IMU-100

- Power source: DC 24 V
- Current consumption: 120 mA (standby) 760 mA (maximum)
- Operating temperature: 0°C to 40°C
- Communication: Voice-actuated communication  
Transmit output: 3 W 4 D Receive output: 1.5 W 16 D  
Φ 3.5 plug Impedance 32 Ω
- Headset: Rated input: 40 mW or more Maximum input: 100 mW or more  
Impedance: 4 to 8 Ω
- External speaker: Rated input: 3 W or more Maximum input: 6 W or more  
Impedance: 4 to 8 Ω
- Paging speaker: Rated input: 3 W or more Maximum input: 6 W or more  
Steel plate  
Main unit MU-100: Approx. 1.3 kg (2.87 lbs)  
Operation unit OU-100: Approx. 700 g (1.55 lbs)
- Housing: Aluminum
- Weight: Approx. 650 g (1.43 lbs)

#### Gooseneck Microphone IME-100

- Microphone: Condenser microphone, uni-directional  
Input sensitivity: -46 dB  
Approx. 190 g (0.42 lbs)
- Weight: Approx. 190 g (0.42 lbs)

#### Acoustic Tube IAX-100

- Housing: Aluminum
- Weight: Approx. 650 g (1.43 lbs)

#### Acoustic Interface Kit IAI-100

- Operating temperature: 0°C to 40°C
- Acoustic output: Impedance: 4 Ω Rated input: 4.5 W  
Maximum output: 5 W
- Microphone: Condenser microphone, non-directional  
Input sensitivity: -41 dB
- Housing: Aluminum
- Weight: Speaker fitting plastic, ABS plastic, fire resistance 94V0  
Driver unit DR-100: Approx. 300 g (0.66 lbs)  
Acoustic I/O tube AI-100: Approx. 400 g (0.88 lbs)

#### Optional Microphone IME-150

- Microphone: Condenser microphone, non-directional
- Weight: Approx. 150 g (0.31 lbs)

#### Sensor ISE-100

- Power source: DC 24 V
- Current consumption: 5 mA (standby) 13 mA (maximum)
- Housing: Aluminum
- Weight: Approx. 120 g (0.26 lbs)



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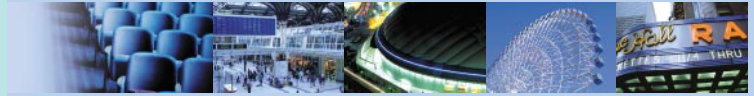


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ISO 9001 TOYOTA FACTORY  
AIPHONE CO., LTD. ISO 14001 Certified  
JPM-SM&S3  
TOYOTA FACTORY  
AIPHONE CO., LTD.



# Smooth communication with customers, in a high-security intercom system

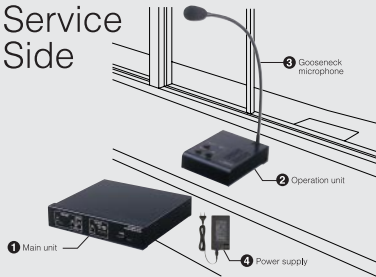
A window security intercom system using high-security barrier glass is essential for ticket booths at movie theaters, stations, stadiums or theme parks as well as at service windows in banks or consulates. The Aiphone security window intercom system is the first in industry to use an acoustic tube with noise cancelling microphone. It produces clear sound with good volume, allowing smooth communication between the two sides of a service window barrier.



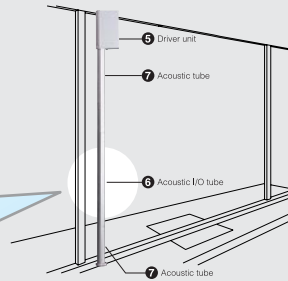
## Industry First! Acoustic Tube System

High-quality. Clear voice.

Service Side



Public Side



### Operator-friendly instant communication for window service

- Gooseneck type microphone is flexible and can be adjusted to any desired position.
- Mono type headset (commercially available) can be used.
- Uses voice-actuated communication system, requiring no additional operations during conversation.
- When the TALK switch is on, the Operation Unit is turned off and sound from inside the booth does not travel outside, while sound from the outside can still be heard at a reduced volume.
- By linking the system to a human detection sensor, it can switch automatically to communication mode whenever a customer is present.
- If a paging speaker is connected, the paging function can be used for calling people in waiting room.



Gooseneck microphone

Headset



### Acoustic tube system provides clear voice communication

- An industry first! The use of an acoustic tube system that covers a wide frequency band ensures clear sound quality at an optimum volume.
- The use of a noise canceller reduces unwanted background noise, enabling smooth conversation.
- The thin shape of the acoustic tube means the field of vision is not obstructed.
- Holes in the barrier glass are not necessary, allowing easier installation and improved safety. It does not affect air conditioners.

### A separate speaker system using an optional microphone is also available

- Select the system most appropriate for your installation or cost needs.
- Use a commercially available external speaker.

