

12" Recessed Intercom

Product Specifications



Display

- Brightness: 1500 nit (cd/m2)
- Diagonal length: 12.1"
- Resolution: 1280 × 800
- Contrast ratio: 1000 (typical)
- Capacitive touch with multi-touch capability
- Anti-reflection and anti-fingerprint coated (anti-UV for the blacked-out portion around the screen)
- Chemical resistant: 26H (hardness)

Features

- Credential reader (RFID, compatible with ButterflyMX Access Control System)
- Wide-angle camera for optimized field of view
- Audio noise cancellation
- Security light
- ADA-compliant help button on bottom of intercom
- Intuitive mounting system design
- Robust aluminum housing and back box with silver powder coating
- Temperature: -40°C ~ +60°C (-40°F ~ +140°F); 5-95% humidity non-condensing

Dimensions

- 15.5" H x 15.8" W x 2.6" D (maximum)
- Weight (with back box): 14.5 lbs

Power Requirements

- Intercom input voltage: 9-24VDC (powered by AC power brick)
- DC Output: DC +24V @ 2.08A
- Standby Power Consumption: 16.8W
- Max Power Consumption: 38W
- Relay Max Switching Current: 2A (Max Switching Power 62.5VA)
- UPS required, not provided

Network Requirements

- Wired connectivity: Ethernet (Cat 5e/Cat6, minimum bandwidth of 2 Mb/s)
- Wireless: WiFi (802.11ac, 5GHz)
- Alternative connectivity methods: Point-to-point, Cellular router

Certifications

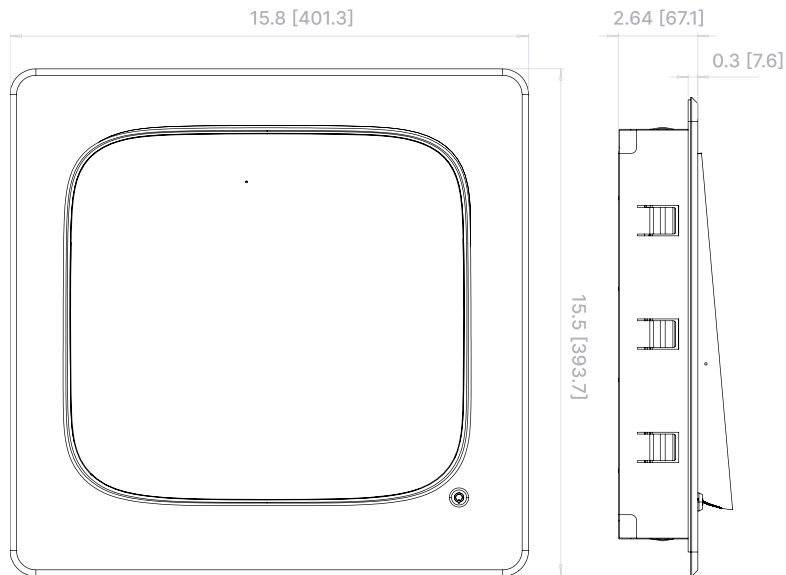
- IP65 dust and water resistance
- FCC Part 15
- IC (Canada)
- CE (EU)
- UL 62368, 50E, 294
- CP65
- TSCA
- IFETEL and NOM
- Materials: REACH, WEEE 3R, and ROHS

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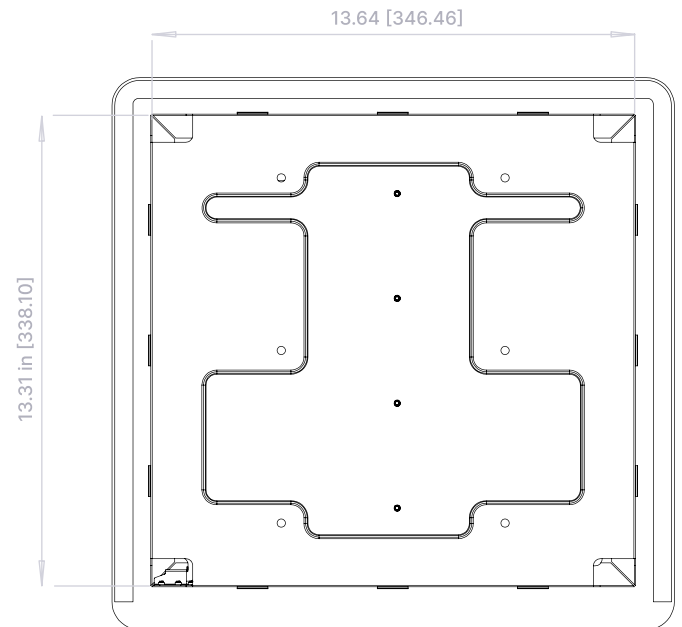
Product Cutsheet

 Images are not to scale.

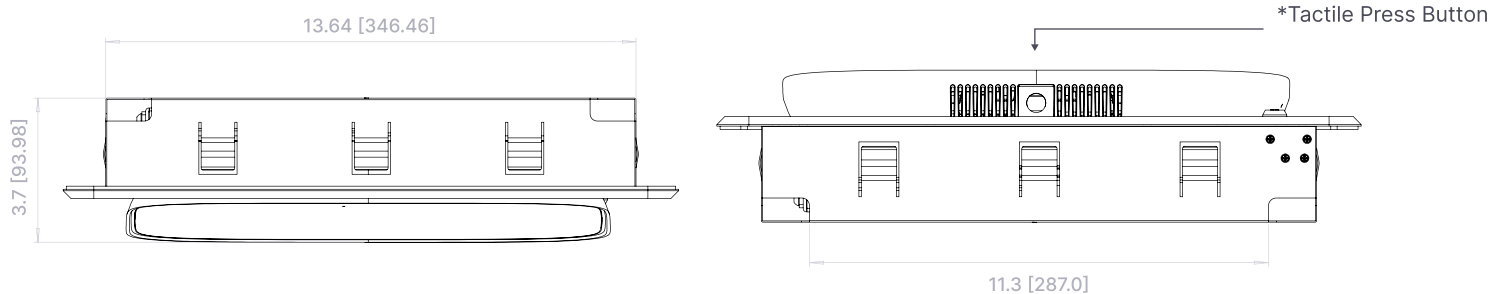
Front and Side of Intercom and Back Box



Rear Side of Intercom and Back Box



Top and Bottom Side of Intercom and Back Box

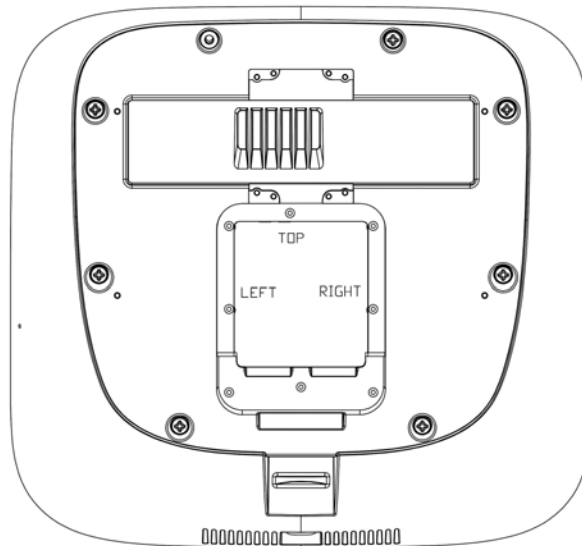


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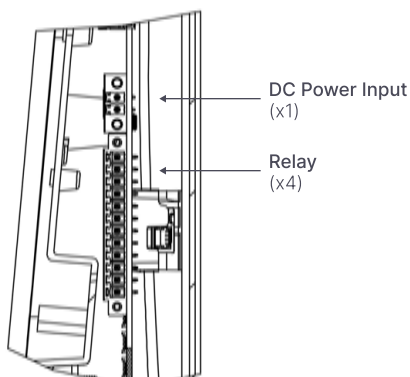
Product Cutsheet

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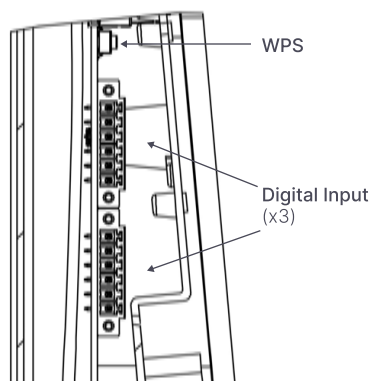
Rear Side with I/O Plate Removed



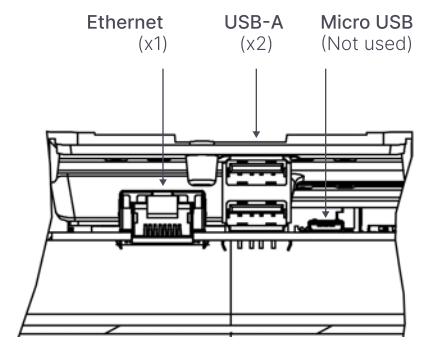
Left Side Interface



Right Side Interface



Top Side Interface



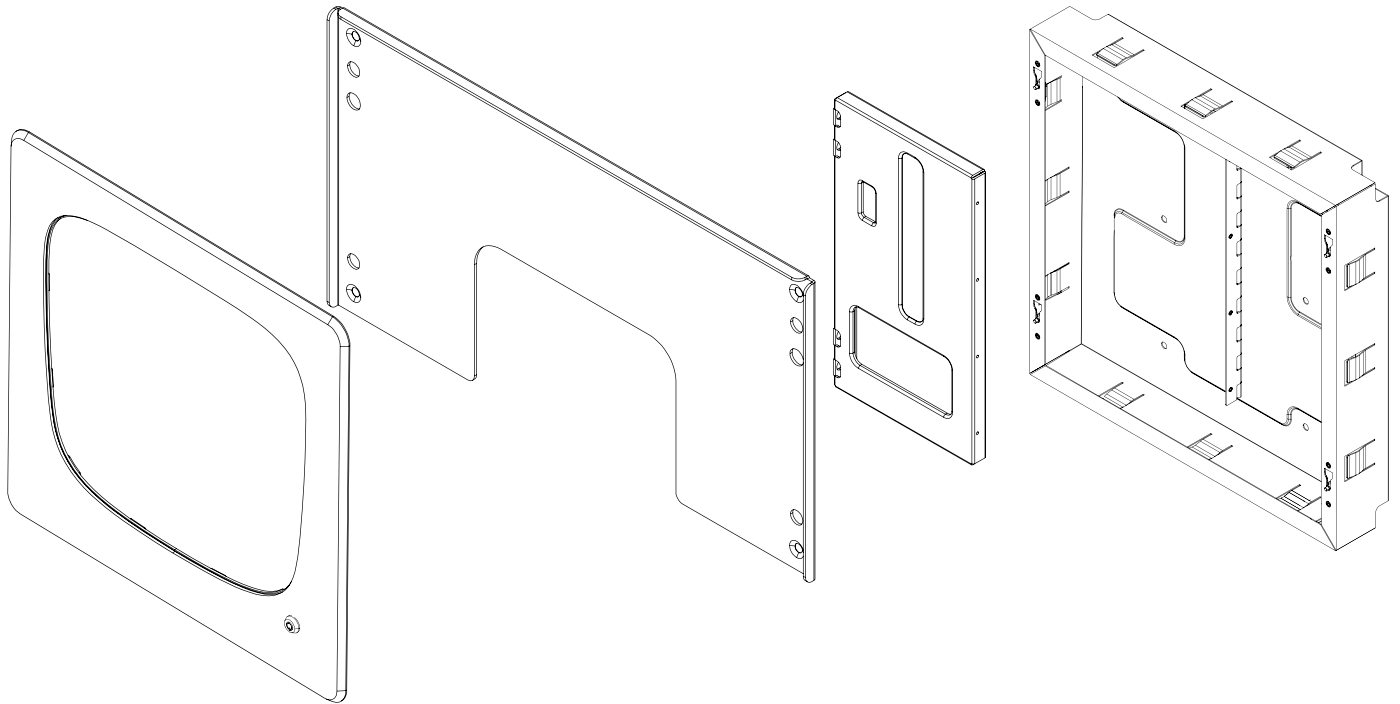
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Product Cutsheet



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Exploded View of Back Box



Version: **v2 (updated 03/03/25)**

Software: **v2.1**

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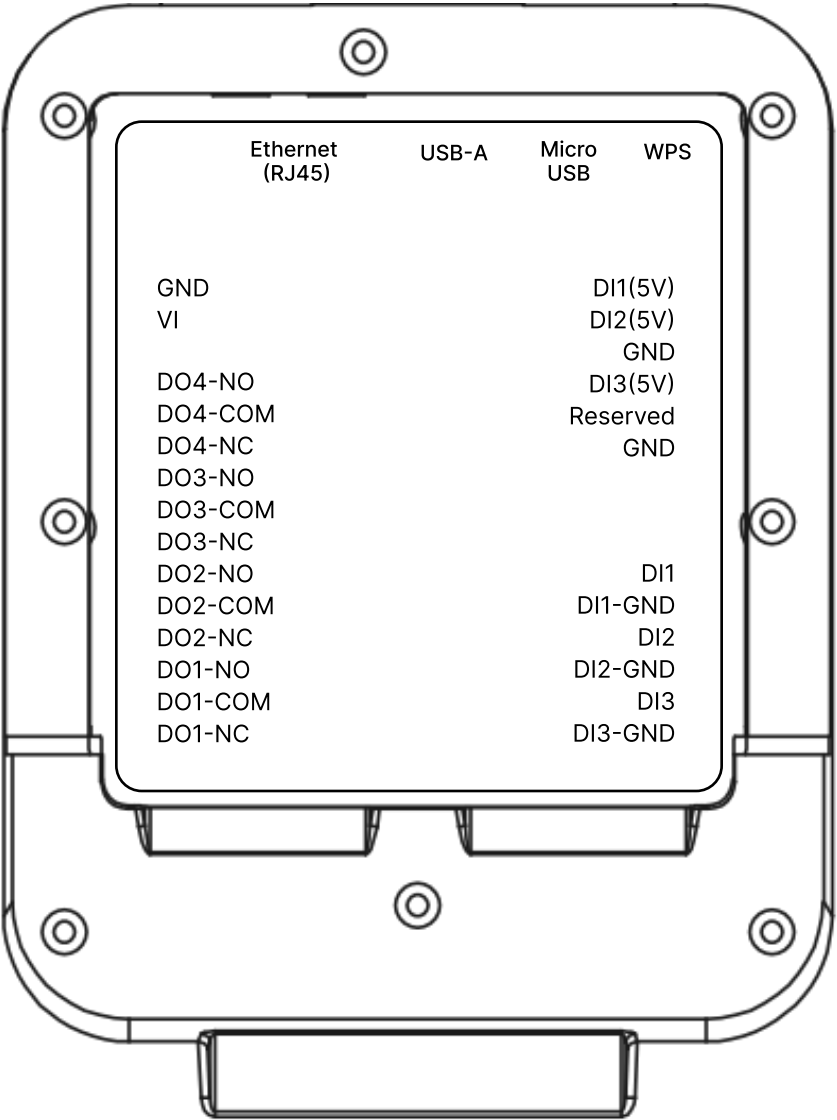
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Door Open (Interior Panel Diagram Detail)



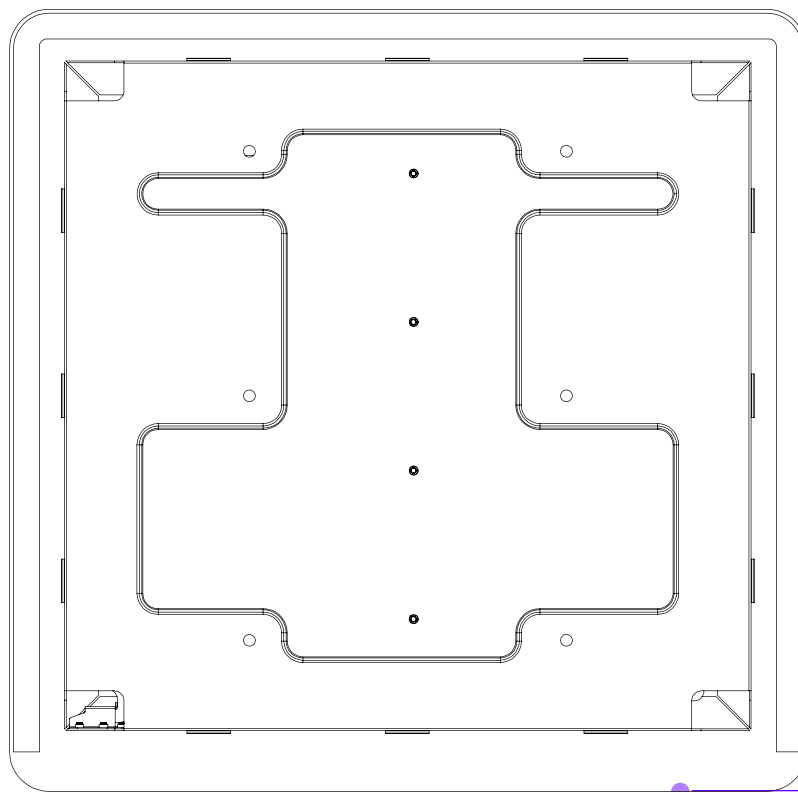
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Product Cut Sheet



Images are not to scale.

ADA Guidelines



36.0 in

To ground

The Americans with Disabilities Act (ADA) recommends mounting the Intercom so the touchable area is a maximum of 48 inches from the ground.

*For ADA-compliant installation instructions, please reach out to support@butterflymx.com to request a Braille and tactile plaque. This plaque should be mounted below the intercom to provide information to users about the tactile button available for assistance.