

ButterflyMX Smart Intercom A&E Specifications

Low-voltage/access control contractor installs, and may also furnish, a ButterflyMX Smart Intercom system and all additional peripherals required to satisfy the technical requirements of the system.

ButterflyMX hardware and software is provided by Runs Like Butter, d/b/a ButterflyMX: 44 West 28th St, 4th floor, New York, NY 10001.

Ongoing property administration is performed by the building's property manager using the web-based ButterflyMX Property Administrative Console. ButterflyMX Customer Success Management team provides property administrators with a complimentary webinar training session during the onboarding process.

ButterflyMX Technical Support is available to support tenants, property administrators, developers, and low-voltage/access control contractors. ButterflyMX Support remotely accesses the Smart Intercom to program the system:

Support: (800) 398-4416 ext. 2 | support@butterflymx.com

ButterflyMX Project Management Team is available to support low-voltage/access control contractors, administer the ButterflyMX Installer/Reseller Certification Program, assist with system design, and provide support on integrations with 3rd party hardware and access control products.

Residents register for and download the ButterflyMX mobile app onto their smartphone and/or tablet to interface with visitors. Residents may be logged into a maximum of 10 devices on one user account. Any resident that does not wish to use the smartphone app may be registered as a phone-call user; the ButterflyMX Smart Intercom can place a VoIP call to any US-based phone number and the resident may release the door by pressing '9'. There is no need for any hardwired in-unit handsets. If building code requirements dictate that the system must be integrated with hardwired in-unit handsets, a managed switch must be purchased from and programmed by Tristate Telecom (<http://www.tristatetelecom.com/>). In-unit handsets are treated as "phone-call users" by ButterflyMX.

Low-voltage/access control contractor installs the ButterflyMX Smart Intercom according to the technical requirements of the system and integrates it with the building's existing access control and network communication systems. This includes the cabling needed for dedicated power (varies based on the distance of the cable run), data (Cat5e/6, minimum bandwidth 2 mb/s upload/download speed), and REX (request-to-exit, 18/2), UPS (uninterruptible power supply, minimum 600va/300w), networking hardware/configuration, any peripherals required for a safe, secure, environmentally suitable mounting location, and any peripherals required for integrating the Smart Intercom's dry contact relays with either an access control system's dry contact REX inputs or an electric door lock for REX (isolation relay, diode or resistor).

Low voltage/access control contractor may install a ButterflyMX Smart Intercom at each secured visitor access point in a building. Building ownership/architect may choose the diagonal screen size (7", 11.6", 21.5") and mounting type (surface mount, recessed mount) in the following configurations: 7" surface mount or recessed mount, 11.6" surface-mount or recessed-mount, 21.5" surface mount. Each configuration includes a high-quality capacitive touchscreen, USB-camera capable of reading QR codes, speaker/microphone, RJ45 connector, and 4 dry contact relays.

A full set of technical specifications including cut sheets for each Smart Intercom configuration, wiring diagrams, and installation guides can be found on the ButterflyMX website: <https://butterflymx.com/resources/installers/>

Fulfillment, Warranty, Invoicing, Infrastructural Requirements

Fulfillment: materials are delivered to buyer's preferred address in manufacturer's original and unopened packaging. Materials are clearly labeled with a serial number specific to each device. ButterflyMX Smart Intercoms ship with a 24vdc transformer.

Warranty: each ButterflyMX Smart Intercom comes with a limited warranty included in the price. The full warranty can be found on our website: <https://butterflymx.com/warranty/>

Invoicing: each ButterflyMX Smart Intercom will be shipped to the buyer's preferred address once payment has been received for the hardware. Software fees begin upon activation of the Smart Intercom.

Infrastructural requirements: Environmental conditions must be within manufacturer's limits. Installation must not occur when adverse conditions are present. All wiring must be brought up to manufacturer's stated specifications and be installed according to established best practices in low-voltage and access control trades to avoid electromagnetic interference and improper introduction of electrical power, especially alternating current power, to the Smart Intercom.

Smart Intercom Visitor Operation

Visitors use the Smart Intercom's touchscreen to access the building's directory, find the appropriate resident, and place a call or send a message. The Smart Intercom will audibly acknowledge the call is being placed, the resident will receive the call to the ButterflyMX app on their smartphone/tablet and can view the visitor. The resident has the option to initiate two-way video and/or grant access to the visitor through the app. If the resident is registered as a phone call user, they will receive a phone call from the visitor and press '9' to release the door.

Smart Intercom Resident Operation (Mobile App Users Only)

Residents use the ButterflyMX app on their smartphone or tablet to interface with visitors and grant themselves access to the building. Residents have access to the following features unless the decision is made by building management not to offer any of the following functionalities:

A) Door Pins: a 6-digit pin code that resident may enter using the Smart Intercom touchscreen to access the door. Door pins are stored locally; residents can use the door pin even in the event of an internet outage.

B) Virtual Keys: a customizable QR code created by residents inside the ButterflyMX mobile app and sent via SMS to visitors who need recurring and regular access to the building.

Residents always have access to the following features:

A) Swipe-to-open: a feature of the mobile app that allows residents to "swipe-to-open" the door. The swipe bar instructs the Smart Intercom to unlock a door.

B) Live View: a feature of the mobile app that allows residents to view a live video feed from

the Smart Intercom.

C) Open Door: a feature of the mobile app that allows the resident to open the door while on a call with the visitor.

Smart Intercom Delivery Personnel Operation

Delivery personnel may interface with the Smart Intercom through a delivery pins feature or by accessing the resident directory used by visitors.

Delivery pins are 5-digit pin codes created by building management and assigned to each carrier.

Smart Intercom Add-on Products

The ButterflyMX Smart Intercom may be enhanced through the addition of our Package Room solution and our Elevator Control System (ECS) to the building's access control infrastructure.

Package Room

The ButterflyMX Package Room solution is a specific graphic user interface (GUI) loaded onto the 7" Surface Mount and 7" Recessed Mount Smart Intercoms. There is a button for delivery personnel to interface with the system and leave a package. This function also notifies the resident that they have received a package. The resident can then use the 'resident' button on the Smart Intercom to pick up their package. As this solution makes use of our 7" Surface or 7" Recessed Smart Intercoms, the specifications for the hardware installation do not change.

Elevator Control System (ECS)

The ButterflyMX Elevator Control System (ECS) allows properties to enhance the resident and visitor experience by allowing visitors elevator access without compelling the resident to physically retrieve them. This requires that the elevator already be locked down and access controlled.

The ButterflyMX ECS is a networked set of dry contact relays that communicates wirelessly with the ButterflyMX Smart Intercom over the building's local network. It is a PoE device that requires a static IP address and comes in two configurations: a self-contained module of 8 dry contact relays or an expandable rack-mount. It is wired with 18/2 awg conductors to the access control system to unlock the floor buttons inside the elevator cab. The specific relay wiring logic varies based on the number of cabs, the arrangement of cabs in banks, the desired footpath of visitors, and the lockout scheme of the building. ButterflyMX's Project Management team can assist with elevator control configuration/design.

When a visitor calls a resident from the ButterflyMX Smart Intercom and the resident grants them access to the building, the door that the Smart Intercom is controlling will be unlocked and the ECS relay that is associated with the floor that the resident lives on will fire for X amount of time to keep the appropriate button inside the elevator cab unlocked.

The low voltage/access control contractor integrates the hardware with the building's access control system and calls ButterflyMX Support to report the device serial number and the relay assignments. ButterflyMX Support will then program the system accordingly.