

Fob Compatibility Testing

There are two levels of functional compatibility that must be confirmed:

1. Fob compatibility.

ButterflyMX's smart intercom card reader only accepts 26-bit unencrypted fobs. This does not mean any 26-bit unencrypted fob will be compatible. It means that only a 26-bit unencrypted fob is eligible to be compatible.

2. Reader compatibility with access control system.

If the ButterflyMX smart intercom's 26-wiegand output can detect your 26-bit unencrypted fob, then you need to check whether your access control system can interpret and log the wiegand signal being sent.

Here are the steps for testing fob and reader compatibility:

1. Connect your ButterflyMX to a power source.
2. Swipe your 26-bit unencrypted fob over the ButterflyMX's wireless port. The intercom will emit a beep if the fob is signal compatible. If you do not hear a beep, the fob is not compatible and you will need to mount a 3rd party reader next to the ButterflyMX smart intercom to operate as a standalone device.
3. If you do hear a beep in step 2, wire the ButterflyMX smart intercom's wiegand output (3 wire) to the access control system's wiegand inputs.
4. Enter a test tenant into the access control system and assign the 26-bit unencrypted fob's credential to that tenant.
5. Swipe the 26-bit unencrypted fob over the ButterflyMX smart intercom's wireless port.
6. Check the access control logs to ensure that the access control system properly interpreted the reader's wiegand signal as valid, which should result in the access control system granting access to the tenant.