

- No panel configuration required
- Simply tap the “blue” sticker to read the credential from the phone
- App can store multiple credentials for use at different facilities
- No app subscription fees
- Iphone app available 1Q 24
- Android app available 2Q 24
- No cloud software system required, credentials are enrolled into the app using cards
- Multiple credential formats available



IBCBlue is a hybrid NFC and Bluetooth mobile access solution available from IBC.

Users simply tap an IBCBlue NFC tag for access. The tag is paired to an IBC reader or module that connects to your access panel.

Tags can be placed anywhere to provide the most convenient tap to go functionality.

Supported Readers:

Qscan	(embedded)
Qscani	(embedded)
Qscant	(embedded and modular)
Ble-M1	(module)
Blue1	(stand alone reader, avail 6/24)

Qscan, Qscani, Qscant, and Ble-M1 must be ordered with wiegand output to support IBCBlue.

Specifications

Supported Credential Formats (01/24):	26 bit, 37 bit w/fc, 37 bit w/o fc
Bluetag:	Circular NFC tag, 30mm
Tag to reader distance:	75' unobstructed line of sight to reader, 10'-30' with obstructions
Max credentials in app:	10
Read speed:	Approx 1/4 second
BLE-M1 power:	70ma, 12vdc
BLE-M1 Dimensions:	2.5" L x 2" W x 11/16" H
BLE-M1 Mounting:	3 screws, allow 3/8" clearance below board
BLE-M1 Temperature:	-40°C to +85°C

Specifications Subject to change without notice

Notes for IBCBlue

USAGE

Once credentials are loaded into the app the user can tap on any IBCBlue nfc tag to read the credential from the phone. The credential contains the ID number which is sent to the access panel.

Credentials are registered to a specific company code and may only be used on readers which are programmed for that company code. This ensures that the credential can only be used where it is supposed to be used.

CREDENTIALS

Up to 10 credentials can be stored in the app. When the user presents the phone to the tag, the app knows which credential should be used for that tag and selects the proper credential. No user tap is required in the app.

The credential contains the ID number for the user in a pre-programmed wiegand format, similar to using a proximity card.

Credentials have a limited life span in the app and contain an expiry date. Once the expiry date has passed, the credential is no longer valid for use.

Credentials are stored in the phone by scanning an enrollment card. The period of validity is specified when the enrollment cards are ordered.

TAGS

IBCBlue tags can be placed anywhere on a reader, wall, window, or turnstile for reading.

During initial installation, each tag is "paired" with the reader or BLE-M1 module ensuring a one-to-one reader-tag association.

Additional tags may also be associated to the reader, allowing multiple tap points for the user.

ENROLLMENT

Credentials are enrolled into the app by scanning a card. The enrollment card is a one

time use and cannot be reused.

Enrollment cards contain a start date and expiration date which are embedded in the credential. Cards are available with one year, 2 year, and 5 year expirations.

Enrollment card purchase is restricted to those persons authorized to purchase cards for their specific company code.

FORMATS

Credentials are currently offered with the following formats: 26 bit, 37 bit with fc, 37 bit without fc. Additional formats will be available in 2024. Custom formats are also available.

BLE-M1 MODULE

BLE-M1 is a board module designed to be placed anywhere to add IBCBlue support to an existing system. It can be embedded into an existing turnstile or enclosed in your own enclosure.