

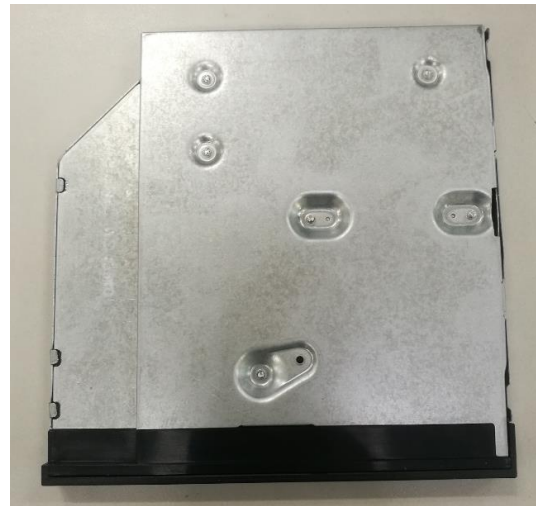
# CAC/PIV Module 3 Manual

## Key Characteristic

USB signal input

Support contactless card utilizes NFC technology

Support contact card utilizes card reader



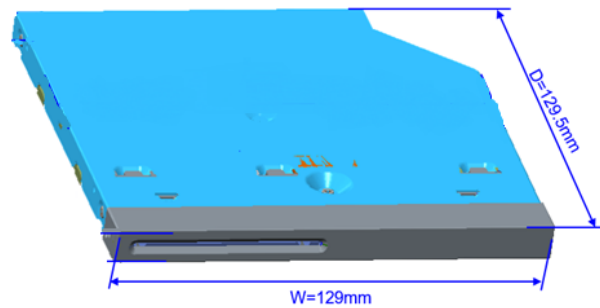
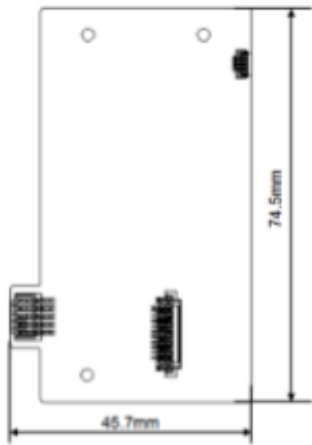
## Introduction

This module provides a method to enable security access to the system or applications via an access card/badge. This module design is taken the chip BCM BC58202 as main controlled chip. And can support contactless card by NFC technology and contact card by card reader.

Module fits in slim line ODD form factor. Module include the USH PCBA, contact reader and NFC antenna.

## Dimension (millimeter)

CAC Module Control Board



## Specification

### Hardware

The input signal is standard USB signal from host system to the main chip BC58202, And the contactless and contact card reader function is achieved through that main chip.

### Contact for signal input

Header1X5

### Signal

VCC, +5V, GND, USB- #1, USB+#1

**FCC:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference

**Exposure to Radio Frequency Radiation:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

**IC:**

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

**Exposure to Radio Frequency Radiation::**

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

**French:**

Cet appareil est conforme aux normes RSS exempts de licence d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas

causer d'interférences et (2) cet appareil doit accepter toute interférence, y compris les interférences pouvant provoquer un fonctionnement indésirable de l'appareil.

**Exposure to Radio Frequency Radiation:**

Cet équipement est conforme aux limites d'exposition aux rayonnements IC définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.