



# BIM 2020/2060

The cash-in module for single banknotes.



CI Tech's robust and reliable deposit module for cash-in transactions of single banknotes.

The BIM 2020/2060 is a deposit module that can accept and process up to 15 single banknotes in one transaction. Special characteristics of this module include its high level of robustness, reliability and long service life.

Combined with the CR 90 sensor, it validates banknotes (over 70 currencies) securely and reliably. The BIM 2020/2060 is used indoors and outdoors throughout the world.

# Technical Data

## General notes

- > Short Edge First
- > Single banknote processing
- > Multi-currency capability in one transaction
- > Up to 200 denominations per machine processable
- > 1 to 15 banknotes per transaction (depending on version)

## Versions

- > BIM 2020: escrow for 15 banknotes
- > BIM 2060: escrow for 1 banknote
- > Both versions with and without stacking cassette

## Stacking cassette

- > Storage volume 1000 banknotes
- > Front and rear loading

## Front Frame

open / closed > higher vandalism security

## Processing speed

- > 1,75 m/s
- > 1 banknote per 2.5 s

## Processable Banknote Formats

Length: 100 – 185 mm  
Width: 60 – 95 mm

## Security Functions

Hardware:

- > Anti-phishing mechanism

Sensor:

- > Optical transmission and reflection of paper and printing in colours red, green and infrared
- > Multi-track magnetic sensor for authenticity checking of the hard and soft magnetic printed image
- > UV-brightening sensor
- > Checking of special security characteristics in banknotes

## Traceability of Banknotes

PIDSY-System (Post IDentification SYstem)

## Interface

1 RS-232C, serial, asynchron. (9600 Baud)

## Electrical data

24 V +/-10 % DC 5 A

optional buffer battery against power cuts

## Approvals

CE, UL, CUL, CSA

## Ambient conditions

- > Ambient operating temperature in operation 0 to +55 °C
- > Humidity (non-condensing) 10% – 90%

## Further technical data and options available

on request

Subject to technical modifications at any time.

# Guidelines

- > ECB Guidelines for Authenticity Detection
- > ECB Guidelines for Traceability (Article 6)
- > Further guidelines on request

Other directives on request.

# Currencies and Support

Especially for customers acting world-wide a quick and reliable adaptation of currencies is essential. Here CI Tech offers an all-embracing and tailor-made solution just as you wish it. With 25 years of experience we built up the necessary know-how, the structure and networks for efficient support of our customers.

