



BF2 series

**Fingerprint & Card Reader
Plus Attendance & Access Controller
And Wiegand 26 Output Interface**

BF2 series is the **economical** and **simple** fingerprint time attendance also offering unparalleled performance for physical access controller. Most physical time attendance and access security systems in use these days are based upon magnetic cards, identification numbers (IDs) and proximity cards. The disadvantage of these is the inability to detect false acceptance. This leads to frequent security breaches. Now, you can eliminate and prevent such security problems with the use of **BFLEX** devices.

BF2 series devices include BF2, BF2-IC, BF2-ID, BF2-HID, BF2-IC&RW. They generally supports RS485 and Wiegand 26 output interface and holds a broad compatibility to any Wiegand 26 Access Controller System. It has supper FUNCTION KEYS such as [**Register**] and [**Delete**] ,[**Reset**] and [**Door bell**]. Besides, it has the Alarm output when anybody want to remove the device without checking..

With the additional LED, it gives an easy verification to users whether he/she has the right to access or not. This model is so flexible when it comes to any request for customization such as back up batteries, language customization and etc. Basically this model is very user friendly because it has many features being built in this compact design.

Application Fields:

Bursary, Bank, Army, Jail, R&D Institution, Universities, Schools, Security Management System of Government or Enterprise and any applications that require authorized fingerprint authentication to access the premises and for time attendance system.

Specification for BF2 series

Sensor Size	16mm*14mm
Dimensions	82mm×115mm×40mm, 0.25kg
Image Scan Time	< 0.5 seconds
Fingerprint Capture Angle	45°
Verification Speed	< 1 seconds (1:1000fingers)
False Acceptance Rate	< 0.00001%
False Rejection rate	< 0.001%
Matching Method	1:N
Template capacity Rate	1280 fingerprint templates -- 1280Users (each user has 1 fingers)
Backup Option	Fingerprint or card
Operating Method	Standalone
Manager Log Capacity	1000 Lines
In/Out Log Capacity	51200 Lines
Communication	RS485 , (RS232-USB Converter),Wiegand 26 Output (TCP/IP/Ethernet is extra options)
PUSH button	YES (two pins)
RELAY OUTPUT	YES (Delay time can be reset by the software.)
CARD reader function	Yes (ID 125KHz or IC 13.54MHz)
Access controller output	Wiegand 26 output, support all Wiegand 26 access controller working together.
Simple access controller inside	With simple controller (Build inside) 2 pins for push button Relay output to Em lock (NO,COM,NC)
Operating Humidity	20%-80%
Operating Temperature	-50°C - + 60°C
Voltage Supply	12VDC@1A ,<1W
Additional Features	Function Keys, In/Out buttons, Bell button,

- This model offers **ONE year** warranty period for manufacturing defects.