BF399I&U

Fingerprint Attendance &
Access Control Reader with
TCP/IP n Extra card reader Interface

BFLEX 399 is the contemporary and innovative fingerprint time attendance also offering unparallel performance for physical access control. 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 399.

BFLEX 399 generally supports RS485, RS232, TCP/IP and Wiegand 26 interface output and holds a broad compatibility to any Wiegand 26 Access Controller System. It has additional FUNCTION KEYS such as IN/OUT buttons. Besides, it has BELL button and hence suitable for outdoor used because it is WATERPROOF. With the additional green and red LIGHT near the screen, 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.

<u>**Application Fields:**</u>
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 BF 399

Sensor Size	16mm*14mm
Dimensions	220mm×154mm×40mm, 1.5kg
Image Scan Time	< 1.0 seconds
Fingerprint Capture Angle	360°
Verification Speed	< 1.5 seconds (1:500fingers)
Matching Method	1:N ,1:n(with GROUP ID,each 100fingers in one GROUP) , 1:1 (Customization)
False Acceptance Rate	**< 0.00001%**
False Rejection rate	< 0.001%
Template Rejection Rate	2800 fingerprint templates
Backup Option	Fingerprint or Password **(or card when card reader connecting VIA wiegand 26)** **One user with two fingers and one pin code and one card.**
In/Out Log Capacity	51200 Lines
Operating Method	Standalone
Communication	RS232/485 , Wiegand 26 , TCP/IP *RS232-USB Port for only BF399U*
Connector	One RJ45 for TCPIP One RJ45 fro RS232/485/Wiegand 26/Power input One power supplier connector One connector with two pins (Relay output :COM and NO) One connector with four pins (two pins for door bell,two pins as wiegand 26 input)
Anti-Static Capability	< 40kV
Operating Temperature	-5°C - + 60°C
Access controller output	Wiegand 26 **output/input**, support all Wiegand 26 access controller
Access Relay	Yes, with COM and NO two pins from relay. Relay delay time:0.5-4seconds.
Door bell	Yes, the extra bell is necessary from the end user.
Manager Log Capacity	1000 Lines
Delay time from relay	1 second
User ID	**6 digits**
RFID card reader (extra card reader)	**Yes**
Real time output	**Yes**
Alarm Event Records	**Yes**
Storage Humidity	20%-80%
Storage Temperature	-10°C - + 65°C
Power off button	Yes,Press power off button for 3 seconds to turn off the device.

Power Supply	6V-12VDC@1.5A with access controller for port 3 and port 1
Backup Battery	Support the extra backup battery.
Supported Language	Chinese Big5 Chinese (Tai wan) English France Spanish Hungarian
Supported Language (**11 language**) (Application Software system)	Chinese , English , France , Arabic, Egypt Arabic , Thai , Hungarian , magyar ,Spanish , Portuguese , Italian
Additional Features	Function Keys, working code :In/pass/Out, Bell button, Ports for Bell Ring/Siren, Green and Red light showing verification, ports of back up battery useing.
Packagesize for one unit:	28mm*24.5mm*8mm
Weight for one unit	1.5kg
Package for 10unts/box	350mm*300mm*545mm ,total weight 12kg

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