

Fingerprint & RFID

Web Based

ACCESS CONTROL AND TIME ATTENDANCE SYSTEM

- Multi/singl door control
- Master / Slave function
- Double badge and dual-doors interlocking are available
- Anti pass back can support limitless levels without online software support when offline.
- Real time and on-line monitor each in/out door status via web browser.



BF-670



BF-660



BF-630



BF-870



BF-880



BF-830

Chiyu Products >>

COMPARISON TABLE

Fingerprint			Type	RFID		
BF-660	BF-670	BF-630	Model	BF-880	BF-870	BF-830
Multi-door control up to 8 doors Total 16 external readers	Multi-door control up to 8 doors Total 16 external readers	Single door control Total 2 external readers	Control door	Multi-door control up to 8 doors Total 16 external readers	Multi-door control up to 8 doors Total 16 external readers	Single door control Total 2 external readers
●	●	●	Master / Slave function.	●	●	
●	●	●	Optical based			
Fingerprint Fingerprint+ Card Fingerprint+Pin Card+Pin Fingerprint+ Card+Pin	Fingerprint Fingerprint+ Card Fingerprint+Pin Card+Pin Fingerprint+ Card+Pin	Fingerprint Fingerprint+ Card Fingerprint+Pin Card+Pin Fingerprint+ Card+Pin	Verification option	Card Pin Card+Pin	Card Pin Card+Pin	Card Pin Card+Pin
1:1/1: N	1:1/1: N	1:1/1: N	Authentication mode			
< 2 secs.	< 2 secs.	< 2 secs.	Verification time	< 1 secs.	< 1 secs.	< 1 secs.
< 3 secs.	< 3 secs.	< 3 secs.	Registration time	< 2 secs.	< 2 secs.	< 2 secs.
< 0.01%	< 0.01%	< 0.01%	False rejection (FRR)			
< 0.001%	< 0.001%	< 0.001%	False acceptance (FAR)			
4,795 persons, 9,590 templates (Each user with 2 templates)	4,795 persons, 9,590 templates (Each user with 2 templates)	950 persons, 1,900 templates (Each user with 2 templates)	Capacity	5,000 users optional extendable to 10,000/20,000/50,000	5,000 users optional extendable to 10,000/20,000/50,000	5,000 users optional extendable to 20,000
65,000 entries	65,000 entries	32,768 entries	Log data	65,000 entries	65,000 entries	32,768 entries
2,000 entries	2,000 entries	2,000 entries	System Log to keep track of system modification history	2,000 entries	2,000 entries	2,000 entries
●	●	●	Wiegand output	●	●	●
●	●	●	Fire alarm input	●	●	●
		●	Door bell			●
Door lock × 1 Ring bell × 1	Door lock × 1 Ring bell × 1	1	Relay output	Door lock × 1 Ring bell × 1	Door lock × 1 Ring bell × 1	1
RS-485 × 1 External Reader & Relay Box (BF-50/BF-20) RS-2325 × 1 Dial-up Modem or Mini Printer TCP/IP (Reserved for internetworking)	RS-485 × 1 External Reader & Relay Box (BF-50/BF-20) RS-2325 × 1 Dial-up Modem or Mini Printer TCP/IP (Reserved for internetworking)	RS-485 × 1 External Reader & Relay Box (BF-20) TCP/IP (Reserved for internetworking)	Communication interface	RS-485 × 1 External Reader & Relay Box (BF-50/BF-20) RS-2325 × 1 Dial-up Modem or Mini Printer TCP/IP (Reserved for internetworking)	RS-485 × 1 External Reader & Relay Box (BF-50/BF-20) RS-2325 × 1 Dial-up Modem or Mini Printer TCP/IP (Reserved for internetworking)	RS-485 × 1 External Reader & Relay Box (BF-20) TCP/IP (Reserved for internetworking)
Ethernet 10/100M, Auto crossing.	Ethernet 10/100M, Auto crossing.	Ethernet 10/100M, Auto crossing.	Communication speed	Ethernet 10/100M, Auto crossing.	Ethernet 10/100M, Auto crossing.	Ethernet 10/100M, Auto crossing.
10 numeric keys 6 function keys	10 numeric keys 6 function keys	10 numeric keys 6 function keys 1 Door Bell	Keypad	10 numeric keys 6 function keys	10 numeric keys 6 function keys	10 numeric keys 6 function keys 1 Door Bell
2	3	3	LED	2	3	3
100	100	50	holidays	100	100	50
40	40	40	function keys	40	40	40
128	128	32	departments	128	128	32
128	128	32	designations	128	128	32
255	255	64	time settings	255	255	64
255	255	64	time zones	255	255	64
200	200	32	groups and	200	200	32
	Optional		POE		Optional	
		Optional	Export transactions to USB disk			Optional
BF-333 (Optional)	BF-333 (Optional)		Elevator control up to 9 lifts 128 floors/lift.	BF-333 (Optional)	BF-333 (Optional)	
BioMini (Optional)	BioMini (Optional)	BioMini (Optional)	USB fingerprint scanner			
BF-20 or BF-50 (Optional)	BF-20 or BF-50 (Optional)	BF-20 (Optional)	Relay Box	BF-20 or BF-50 (Optional)	BF-20 or BF-50 (Optional)	BF-20 (Optional)
BF-630/BF-830 BF-603/BF-604 Reader (Optional)	BF-630/BF-830 BF-603/BF-604 Reader (Optional)	BF-603 Reader BF-604 Reader (Optional)	External Reader	BF-830 BF-603/BF-604 Reader (Optional)	BF-830 BF-603/BF-604 Reader (Optional)	BF-603 Reader BF-604 Reader (Optional)
143 × 170 × 50	140 × 223 × 65	125 × 145 × 35	Dimension(mm)	143 × 170 × 50	140 × 156 × 50	125 × 145 × 35
500	580	350	Weight(g.)	480	385	330

Specifications

- Multi-language menu: English, Traditional Chinese, Simple Chinese.
- Built-in 13,000 Chinese words used commonly.
- Operation Temperature : 0°C ~ 65°C
- Operation Humidity : 5 ~ 95%RH
- Power: DC 9~24V, 1A
- Display: 128 × 64 Pixels LCD
- Either work as standalone or connected with networking system via Ethernet / Internet.
- Low power consumption, audible indicators, LCD on-screen menus, and simple enrollment process.
- Card format: 125 KHz (EM/TM); 13.56 MHz (Mifare)
- Reading range: 10 ~ 15cm (EM/TM), 5 ~ 7cm (Mifare)
- Double badge and dual-doors interlocking are available.
- Anti pass back (no tolerance / period timer) can support limitless levels without online software support when offline.
- Built-in http server which can be managed by web browser for a system administration.

Optional Function

- HID
- Voice indicator

Optional Devices

- Mini Printer: SH-24
- RFID Cards and Keyfob
- Power adapters
- Push button & EM Lock



Welcome to **CHIYU**

Chiayi: 886-5-2325465 • Taipei: 886-2-25491289 • Shenzhen, China: 86-755-82514171