

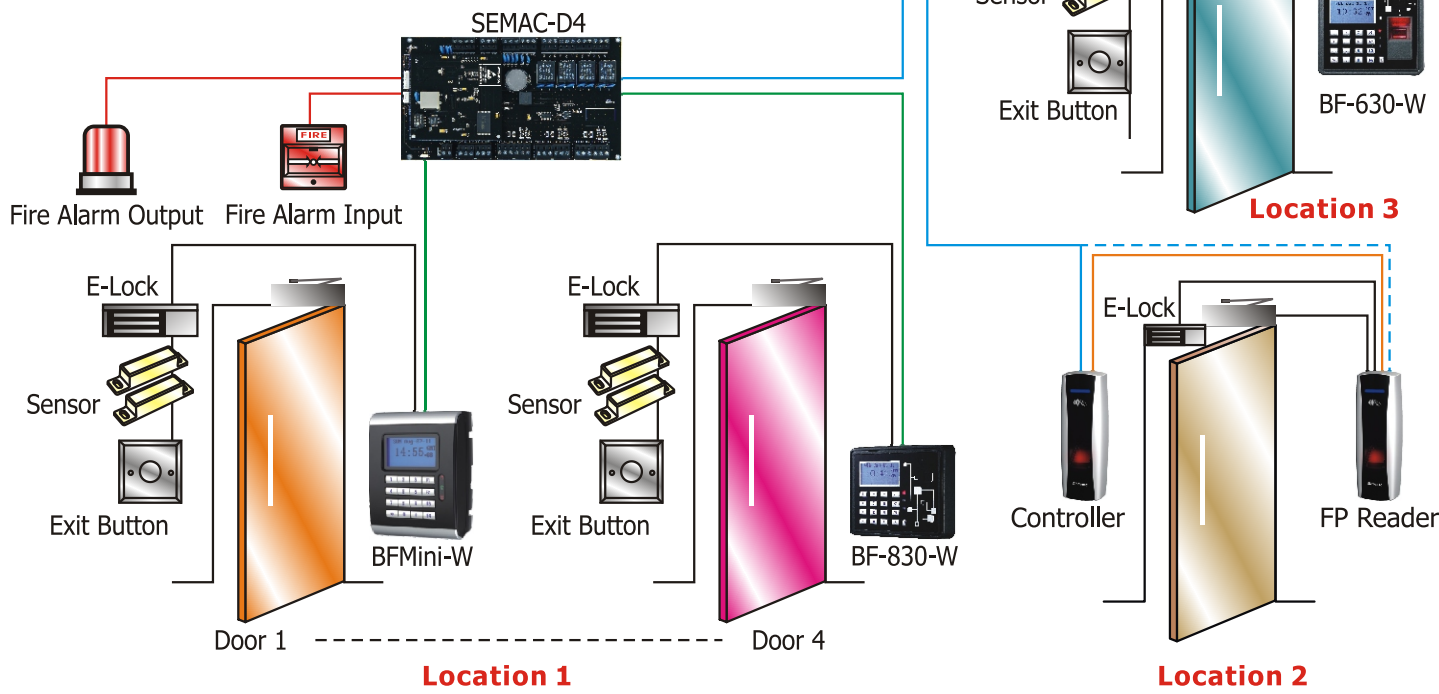
Product Selection Guide

Product	Model	Description	Feature
IP Based Access control and Time Attendance	Fingerprint	Biosense (IP65 option)	Standalone / Reader
		Biosense II	Standalone
		Biosense III (IP65 option)	Standalone
		BF-670-W	Multi Door
		BF-630-W	Standalone
		BF-631-W	Standalone
	Proximity	BF Mini-W	Standalone
		BF-830-W	Standalone
		BF-831-W	Standalone
		BF-870-W	Multi Door
		WebPass IP Reader	Standalone / Reader
		WebPass Lite (S/R)	Standalone / Reader
		SEMAC-D1	Controller - 1 door
		SEMAC-D2	Controller - 2 door
		SEMAC-D4	Controller - 4 door
		SEMAC-S2	Controller - 8 door
		SEMAC-S3	Controller - Lift
		BF-333	Lift Control Box
		BF-50	Relay Box
		BF-20	Relay Box
Floor/Lift Control	RFID Proximity	WR-E1/E2	125KHz
		WR-M1/M2	13.56MHz
		EM-100	125KHz Long Range
		SR-E1/E2	125KHz
		SR-M1/M2	13.56MHz
Reader	Wiegand RS485	WR-E1/E2	125KHz
		WR-M1/M2	13.56MHz
		EM-100	125KHz Long Range
		SR-E1/E2	125KHz
		SR-M1/M2	13.56MHz
Accessories	USB Module	BioMini	FP Scanner
		SFM-5020	FP Module
		EM 302	Decoder
	Read/Writer	MF 302	Decoder
		MR 303U	Decoder / Encoder
	EM Lock	UL-275	Magnetic Lock
		LK-1201A	Bolt Lock
		HM-K29	Bolt Lock
	RFID Cards	Card-00/01	RFID Card
		Card-02	RFID Tag
		Card-03	RFID Wristband
	Adapter	POW-3601	Power Adapter
		AD-55A	Power Adapter
		NES-35-12	Power Adapter
	Others	SH-24	Mini Printer
		BF-118	Energy Saver Switch
Software	SOMAC	A/C & T/A Software	Management software for access control and time attendance
	Semac Search	Search Tool	IP search tool

Access Control & Time Attendance
Fingerprint/RFID/Password



Global Access Control System Diagram



SoMac Software Introduction



Software Operation Modules

Access Control	Time & Attendance	Lift Control	Parking Management
- Log/Fingerprint Synchronization - Remote Control to doors - IP Camera Integrated - Multiple Badge Verification - Anti-Passback Support - Event Handle/Email Alert - Fast Registry User Account - Access Reports in Excel or Text - E-Map/Live Image/Text Monitor	- Shift Schedule (Over-Night Shift) - Over-Time Calculation - Daily, Monthly, Detail Reports - First In Last Out Report - Personnel leave management - Custom Attendance Rule Setting - Holiday/Ring Definition - Auto-Function Keys	- Account Entry Authorization Setup 7 Hall-Call Setting 128 Floors Support each System - IP Camera Integrated - Visitor Management - Single-Door/Double Leaf Doors - Wiegand or RS-485 Structure - Match On Card Support	- Record Search by Date/Item/TID - Live Image Capture&Comparison - Export in Text/Excel Format - Software & SDK Provide

Industrial Converters & Digital I/O Controllers

Product Selection Guide

CHIYU Technology design, produce and ship industry certified and world qualified Industrial Serial to TCP/IP converters, Digital I/O controllers that provide the ever-changing world a seamless communication channel.

Serial TO TCP/IP converters and Digital I/O controllers					
Model Name	Serial Statement	DIO	COM	Specification	
CYT-100SC	RS232/422/485 (1/3)	—	1	Support bi-directional data transmission between Serial and TCP/IP. Serial port type can be selectable.	
CYT-200SC	RS232/422/485 (1/3) RS232 (1)	—	2		
CYT-133SC	RS232/422/485 (1/3)	3/3	1	Support up to 30 sets extended DI/DO with another 9 sets BF-51 (DIO extender box)	
CYT-100MG (Modbus)	RS232/422/485 (1/3)	—	1	Support Modbus TCP to Modbus RTU/ASCII data transmission	
CYT-166GC (GPRS)	RS232/485 (1/2)	6/6	1	Serial to GPRS, TCP to GPRS Converter with 6 DIO interfaces	
CYT-066GC-Plus (GPRS/GPS)	—	6/6	1	TCP to GPRS Converter with 6 DIO interfaces & GPS function	
BF-430	RS232/485 (1/2)	—	1	Support bi-directional data transmission between Serial and TCP/IP. Serial port type can be selectable.	
BF-431	RS232/422 (1/2)	—	1		
BF-440	RS232/422/485 (1/3) RS232/485 (1/2) Rs232 (2)	—	4	Provide 2 fixed RS-232 interfaces & 2 selectable serial ports for connecting industrial devices	
BF-480	RS232/422/485 (1/3) RS232/485 (1/2) RS232 (6)	—	8	Provide 6 fixed RS-232 interfaces & 2 selectable serial ports for connecting industrial devices	
ATC-101	RS422 : RS232	—	1	No power require to transmit RS422 singal to RS232	
ATC-106	RS485 : RS232	—	1	No power require to transmit RS485 singal to RS232	
BF-850	USB:RS485/422 (1/2)	—	1	No power require to transmit USB singal to RS485 or RS422	
DI/O controllers					
Model Name	Serial Statement	DIO	COM	Specification	
BF-2300	RS232/485 (1/2)	12/6	1	Support 12 DI and 6 DO	
BF-1010	RS485 (2)	10/10	2	Support 10 DI and 10 DO (Master/Slave structure)	
Modules					
Model Name	Serial Statement	DIO	COM	Specification	
BF-440M	TTL(4)	—	4	Serial to TCP/IP converter module	
BF-480M	TTL(8)	—	8		
BF-450M	TTL(1)	—	1		
I/O extender					
BF-51	RS485(1)	3/3	1	3 Digital I/O extender box (Up to 9 sets, total 30 DIO interface when working with CYT-133SC)	

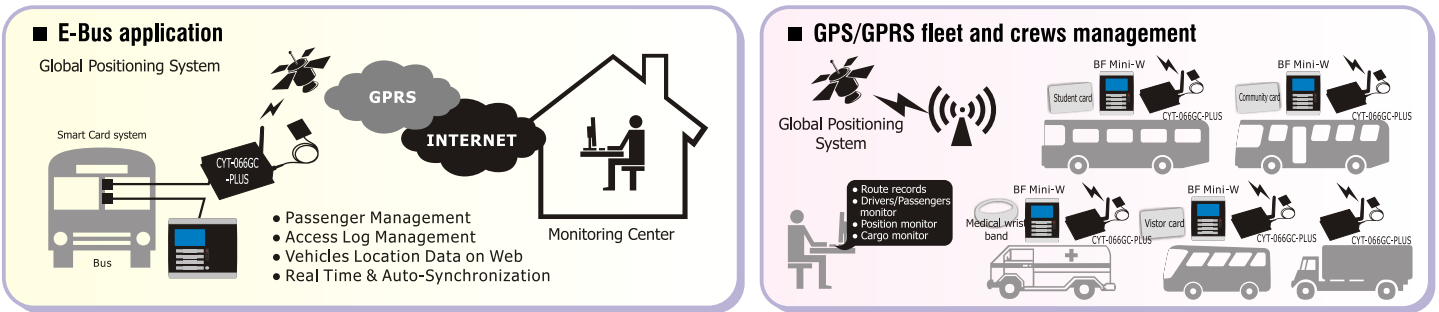
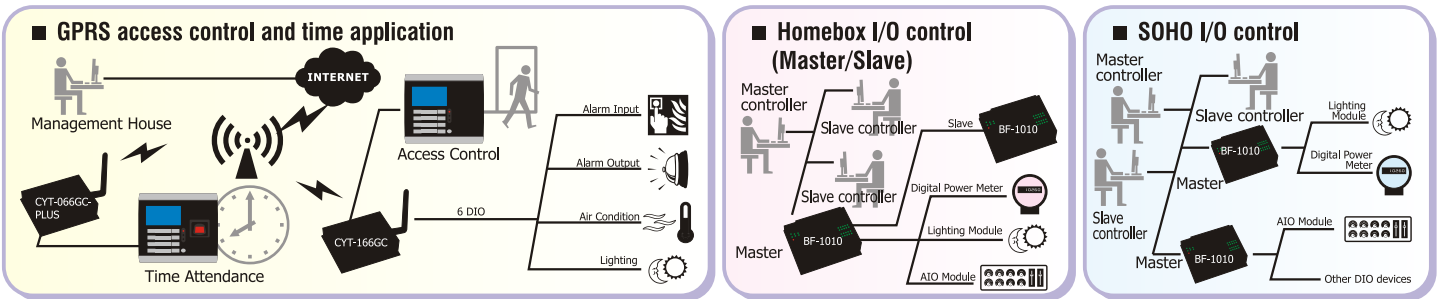
www.chiyu-t.com.tw

Product Highlights & Applications

Serial to TCP/IP converters



Digital I/O controllers



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Product Lineup



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