

## Multi-Biometric Identification Access Control Terminal--AC-6020



### Introduction:

AC-6020 is a multi-biometric identification professional access control system.

It is a face - access control module which has a big data capacity and applies high matching speed and accuracy, simple operation, rich functions and multi-language interface to this module.

The facial recognize system,AC-6020 is the most advance product, combined such as newest facial recognition algorithm,embedded design technology, and software application, etc..

### Technical Specification

Category	Feature	Description
Hardware	CPU	High-performance processor
	Camera	2(Color Camera, Infrared Camera)
	Infrared LED	1 x Infrared LED
	Display	Color LCD 2.8 Inch
	Touch panel	Supported (resister)
	ID Card	Supported
	USB device	Supported
	TCP/IP	Supported
	Wiegand Input(26/34)	Supported
	Wiegand Output	Supported

	Exit Button Input	Supported
	Door Sensor	Supported
	Door Relay	Supported(2 relay)
	Bell Relay	Supported
	USB Disk	Supported
	Audio Output	Supported
	RTC	Supported
	Working Voltage	DC 9V~12V (current ≤1.0A)
	Working temperature	-10°C ~ +60°C
	Working Humanity(RH)	20% ~ 80%
Software	Face capacity	1000
	Time Log/Managemeng Log	100,000/10,000
	Communication	TCP/IP,RS485, WIFI(Optional)
	DHCP	Supported
	Verification Mode	Face, Card, Password (and those combination)
	Language	Multi-Language,English,Vietnamese,Spanish,German,Dutch, Thai, Portuguese,Turksih,Farsi,Korean, Indonesian, Hebrew and so on.
	Excel File Synchronization	Supported(optional)
	P2P Communication	Supported(optional)
	Self-test	Supported
	Power management	Sleep
	SDK	Support multi development language(VB, C++, Delphi ect) SDK, and ODM/OEM software development;

Fingerprint Identification Algorithm	Engine Version	Smack Face V2.0
	FAR/ FRR	0.001/ 1(%)
	Verification Speed	≤1.0s
	Intelligent adaptation function	Supported
	Matching Mode	1:1, 1:N

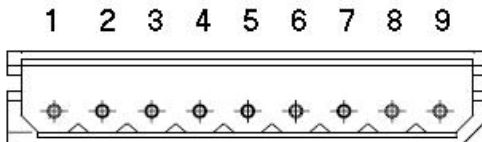
## Connector Note

-J1 (Power supply connector)Power Jack

Power supply connector.It must be supplied by DC 12V/1.5A.

Pin	Name	I/O	Description
1	+12V	-	+12V
2	GND	-	GND
3	GND	-	GND

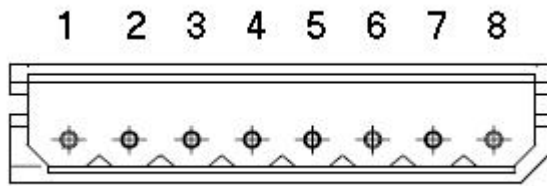
-J12 (External Connector)



2.5mm pitch/9pin vertical connector

Pin	Name	I/O	Description
1	LOCK_NC	-	Lock relay's N.C(normal close) terminal.
2	LOCK_COM	-	Lock relay's COM(common) terminal.
3	LOCK_NO	-	Lock relay's N.O(normal open) terminal.
4	BELL_NC	-	Bell relay's N.C(normal close) terminal
5	BELL_COM	-	Bell relay's COM(common) terminal.
6	BELL_NO	-	Bell relay's N.O(normal open) terminal.
7	Door Sensor	I	Door open/close state Sensor
8	Exit_In	I	Door Exit button input signal.
9	GND		Power ground.

## -J13 (External Connector)



2.5mm pitch/8pin vertical connector

Pin	Name	I/O	Description
1	+5V	Power	+5V power.(+12V alternative)
2	GND	-	Power ground.
3	RS485A	-	RS485A
4	RS485B	-	RS485B
5	WGNOUT1	O	WiegandOutput Signal1, open drain output
6	WGNOUT0	O	WiegandOutput Signal0, Open drain output
7	WGNIN1	I	Wiegand input1. Internally pull up.
8	WGNIN0	I	Wiegand input0. Internally pull up.