

BioStation : Features and Specifications

August 2006

Hardware		BioStation		BioStation Wireless
Firmware		V1.0	V1.1	V1.1
Launching Schedule		August 1, 2006	September 25, 2006	September 25, 2006
Power		12 VDC	←	←
CPU		Dual CPU (32bit RISC+400MHz DSP)	←	←
User Interface	Display	2.5 inch QVGA color LCD	←	←
	Sound	1 channel 16 bit audio	←	←
	LED	1 blue LED for power and fingerprint input	←	←
	Keypad	3x4 numeric keys + 4 function keys + 5 navigation keys	←	←
Fingerprint Sensor	TC (Capacitive)	Supported	←	←
	OC (Optical)	Supported	←	←
	FC (Swipe Thermal)	Not supported	Supported	←
Communication	RS232	~115200 bps, 1:1 PC interface	←	←
	RS485	Not supported	~115200 bps, Half duplex	←
	Ethernet	Static IP/DHCP	←	←
	Wireless LAN	Not supported	←	802.11b, Static IP/DHCP Wep 64/128/256 bit encryption WPA-PSK encryption Managed and Ad-hoc mode
	USB Device	USB 1.1 for PC interface	←	←
	USB Host	Not supported	USB 1.1 for USB Memory	←
I/O	Relay	1 port for deadbolt, strike, EM lock	←	←
	Tamper Switch	Supported	←	←
	TTL I/O	2 input & 2 output port	←	←
	Wiegand I/O	Not supported	1 input & 1 output port	←
	Doorphone	Not supported	Supported	←
Fingerprint	Fingerprint Capacity	Max. 2,000 templates	←	Max. 50,000 templates
	Matching Speed	1:2,000 identification in 1 sec.	←	←
	Template Encryption	Not supported	Supported	←
Access Control	Time Schedule	Max. 64 time zones	←	←
	Holiday Schedule	Max. 16 holiday groups	←	←
	Access Group	Max. 64 access groups	←	←
Time Attendance	Event Log Capacity	Max. 500,000 events	←	←
	Customizable Event	Max. 16 events	←	←