

Access Control and Time & Attendance Comparison Sheet

	BioStation T2	D-Station	BioStation	BioEntry Plus
Product				
Application	Time Attendance Access Control	Time Attendance Access Control	Time Attendance Access Control	Access Control
Authentication Modes	Finger/Card/PIN	Finger/Face/Card/PIN	Finger/Card/PIN	Finger/Card
Fingerprint Sensor	Optical	Optical x 2	Optical, Capacitive	Optical, Capacitive
Face Detection Camera	Yes	Yes	N/A	N/A
Card Options	125KHz EM 13.56MHz Mifare/DesFire	125KHz EM 13.56MHz Mifare/DesFire	125KHz EM 125KHz HID Prox 13.56MHz Mifare/DesFire	125KHz EM 125KHz HID Prox 13.56MHz Mifare/DesFire 13.56MHz iCLASS 13.56MHz Felica
Capacity	Template Capacity 400,000 (1:1) 20,000 (1:N)	Template Capacity 400,000 (1:1) 20,000 (1:N)	Template Capacity 400,000 (1:1) 20,000 (1:N)	Template Capacity 10,000 (1:N)
	Max. User 200,000	Max. User 200,000	Max. User 200,000	Max. User 5,000
	Log Capacity 1,000,000 (5,000 image logs)	Log Capacity 1,000,000 (5,000 image logs)	Log Capacity 1,000,000	Log Capacity 50,000
Interfaces	Wireless LAN Yes (optional)	Wireless LAN Yes (optional)	Wireless LAN Yes (optional)	Wireless LAN -
	TCP/IP Yes	TCP/IP Yes	TCP/IP Yes	TCP/IP Yes
	RS485 2 channels	RS485 2 channels	RS485 1 channel	RS485 1 channel
	RS232 Yes	RS232 Yes	RS232 Yes	RS232 -
	Wiegand In & Out (switchable)	Wiegand In & Out (switchable)	Wiegand In & Out	Wiegand In & Out (Switchable)
	TTL I/O 4 Input	TTL I/O 4 Input	TTL I/O 4 I/O	TTL I/O 2 Input
	Built-in Relay 2	Built-in Relay 2	Built-in Relay 1	Built-in Relay 1
	USB Host, Slave	USB Host, Slave	USB Host, Slave	USB -
	SD Card Slot Yes	SD Card Slot Yes	SD Card Slot -	SD Card Slot -
Hardware	CPU 667MHz RISC x 1 533MHz DSP x 1	CPU 667MHz RISC x 1 400MHz DSP x 2	CPU 400MHz DSP 200MHz RISC	CPU 400MHz DSP
	Memory 1GB flash + 256MB RAM	Memory 1GB flash + 256MB RAM	Memory 1GB flash + 34MB RAM	Memory 8MB flash + 16MB RAM
	LCD Display 5.0" WVGA touch screen	LCD Display 5.0" WVGA touch screen	LCD Display 2.5" QVGA	LCD Display -
	LED Indicator Multi-color x 1	LED Indicator Multi-color x 2	LED Indicator Multi-color	LED Indicator Multi-color
	Sound Indication 16-bit Hi-Fi sound	Sound Indication 16-bit Hi-Fi sound	Sound Indication 16-bit Hi-Fi sound	Sound Indication Multi-tone buzzer
	Voice Instruction 16-bit Hi-Fi sound	Voice Instruction 16-bit Hi-Fi sound	Voice Instruction 16-bit Hi-Fi sound	Voice Instruction -
	Ingress Protection -	Ingress Protection -	Ingress Protection -	Ingress Protection -
	Operating Temperature -20°C ~ 50°C	Operating Temperature -20°C ~ 50°C	Operating Temperature -20°C ~ 50°C	Operating Temperature -20°C ~ 50°C
	Tamper Switch	Tamper Accelerometer, switch	Tamper switch	Tamper switch
	PoE Yes	PoE Yes	PoE -	PoE -
	Operating Voltage 12vDC	Operating Voltage 12vDC	Operating Voltage 12vDC	Operating Voltage 12vDC
	Dimensions (W x H x D, mm) 155 x 155 x 40	Dimensions (W x H x D, mm) 148 x 204 x 48	Dimensions (W x H x D, mm) 135 x 128 x 50	Dimensions (W x H x D, mm) 50 x 160 x 37

	BioLite Net	BioLite Solo	X-Station	Xpass
Product				
Application	Time Attendance Access Control	Access Control (Standalone)	Time Attendance Access Control	Access Control
Authentication Modes	Finger/Card/PIN	Finger/PIN	Card/PIN	Card
Fingerprint Sensor	Optical	Optical	N/A	-
Face Detection Camera	N/A	N/A	Yes	N/A
Card Options	125KHz EM 13.56MHz Mifare/DesFire	-	125KHz EM 13.56MHz Mifare/DesFire	125KHz EM 125KHz HID Prox 13.56MHz Mifare/DesFire
Capacity	Template Capacity 10,000 (1:N)	Template Capacity 800 (1:N) (200 user)	Template Capacity -	Template Capacity -
	Max. User 5,000	Max. User 200	Max. User 200,000	Max. User 40,000
	Log Capacity 50,000	Log Capacity 5,000	Log Capacity 1,000,000 (5,000 image logs)	Log Capacity 50,000
Interfaces	Wireless LAN -	Wireless LAN -	Wireless LAN -	Wireless LAN -
	TCP/IP Yes	TCP/IP -	TCP/IP Yes	TCP/IP Yes
	RS485 1 channel	RS485 1 channel	RS485 2 channels	RS485 1 channel
	RS232 -	RS232 -	RS232 -	RS232 -
	Wiegand In & Out (Switchable)	Wiegand N/A	Wiegand In & Out (Switchable)	Wiegand In & Out (Switchable)
	TTL I/O 2 Input	TTL I/O N/A	TTL I/O 2 Input	TTL I/O 2 Input
	Built-in Relay 1	Built-in Relay 1	Built-in Relay 1	Built-in Relay 1
	USB -	USB -	USB -	USB -
	SD Card Slot -	SD Card Slot -	SD Card Slot -	SD Card Slot -
Hardware	CPU 400MHz DSP	CPU 400MHz DSP	CPU 667MHz RISC x 1	CPU 32-bit Microprocessor
	Memory 8MB flash + 16MB RAM	Memory 4MB flash + 8MB RAM	Memory 1GB flash + 128MB RAM (with SD card slot)	Memory 8MB flash + 16MB RAM
	LCD Display -	LCD Display -	LCD Display 3.5" QVGA touch screen	LCD Display -
	LED Indicator Multi-color	LED Indicator Multi-color	LED Indicator -	LED Indicator Multi-color
	Sound Indication Multi-tone buzzer	Sound Indication Multi-tone buzzer	Sound Indication 16-bit Hi-Fi sound	Sound Indication Multi-tone buzzer
	Voice Instruction -	Voice Instruction -	Voice Instruction 16-bit Hi-Fi sound	Voice Instruction -
	Ingress Protection IP65 (Outdoor)	Ingress Protection IP65 (Outdoor)	Ingress Protection -	Ingress Protection IP65 (Outdoor)
	Operating Temperature -20°C ~ 50°C	Operating Temperature -20°C ~ 50°C	Operating Temperature -20°C ~ 50°C	Operating Temperature -20°C ~ 50°C
	Tamper Switch	Tamper Switch	Tamper switch	Tamper switch
	PoE -	PoE -	PoE -	PoE Yes
	Operating Voltage 12vDC	Operating Voltage 12vDC	Operating Voltage 12vDC	Operating Voltage 12vDC
	Dimensions (W x H x D, mm) 60 x 185 x 40	Dimensions (W x H x D, mm) 60 x 185 x 40	Dimensions (W x H x D, mm) 79 x 135 x 21	Dimensions (W x H x D, mm) 130 x 45 x 27

