

Hardware Specifications

	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)	400,000 (1:1) 20,000 (1:N)	400,000 (1:1) 20,000 (1:N)	10,000 (1:N)
Max. User	200,000	200,000	200,000	5,000
Log Capacity	1,000,000 (5,000 image logs)	1,000,000 (5,000 image logs)	1,000,000	50,000
Wireless LAN	Yes (optional)	Yes (optional)	Yes (optional)	-
TCP/IP	Yes	Yes	Yes	Yes
RS485	2 channels	2 channels	1 channel	1 channel
RS232	Yes	Yes	Yes	-
Wiegand	In & Out (switchable)	In & Out (switchable)	In & Out	In & Out (Switchable)
TTL I/O	4 Input	4 Input	4 I/O	2 Input
Built-in Relay	2	2	1	1
USB	Host, Slave	Host, Slave	Host, Slave	-
SD Card Slot	Yes	Yes	-	-
Hardware				
CPU	667MHz RISC x 1 533MHz DSP x 1	667MHz RISC x 1 400MHz DSP x 2	400MHz DSP 200MHz RISC	400MHz DSP
Memory	1GB flash + 256MB RAM	1GB flash + 256MB RAM	1GB flash + 34MB RAM	8MB flash + 16MB RAM
LCD Display	5.0" WVGA touch screen	5.0" WVGA touch screen	2.5" QVGA	-
LED Indicator	Multi-color x 1	Multi-color x 2	Multi-color	Multi-color
Sound Indication	16-bit Hi-Fi sound	16-bit Hi-Fi sound	16-bit Hi-Fi sound	Multi-tone buzzer
Voice Instruction	16-bit Hi-Fi sound	16-bit Hi-Fi sound	16-bit Hi-Fi sound	-
Ingress Protection	-	-	-	-
Operating Temperature	-20°C - 50°C	-20°C - 50°C	-20°C - 50°C	-20°C - 50°C
Tamper	Switch	Accelerometer, switch	switch	switch
PoE	Yes	Yes	-	-
Operating Voltage	12vDC	12vDC	12vDC	12vDC
Dimensions (W x H x D, mm)	155 x 155 x 40	148 x 204 x 48	135 x 128 x 50	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)	800 (1:N) (200 user)	-	-
Max. User	5,000	200	200,000	40,000
Log Capacity	50,000	5,000	1,000,000 (5,000 image logs)	50,000
Wireless LAN	-	-	-	-
TCP/IP	Yes	Yes	Yes	Yes
RS485	1 channel	1 channel	2 channels	1 channel
RS232	-	-	-	-
Wiegand	In & Out (Switchable)	N/A	In & Out (Switchable)	In & Out (Switchable)
TTL I/O	2 Input	N/A	2 Input	2 Input
Built-in Relay	1	1	1	1
USB	-	-	-	-
SD Card Slot	-	-	-	-
Hardware				
CPU	400MHz DSP	400MHz DSP	667MHz RISC x 1	32-bit Microprocessor
Memory	8MB flash + 16MB RAM	4MB flash + 8MB RAM	1GB flash + 128MB RAM (with SD card slot)	8MB flash + 16MB RAM
LCD Display	-	-	3.5" QVGA touch screen	-
LED Indicator	Multi-color	Multi-color	-	Multi-color
Sound Indication	Multi-tone buzzer	Multi-tone buzzer	16-bit Hi-Fi sound	Multi-tone buzzer
Voice Instruction	-	-	16-bit Hi-Fi sound	-
Ingress Protection	IP65 (Outdoor)	IP65 (Outdoor)	-	IP65 (Outdoor)
Operating Temperature	-20°C - 50°C	-20°C - 50°C	-20°C - 50°C	-20°C - 50°C
Tamper	Switch	Switch	switch	switch
PoE	-	-	-	Yes
Operating Voltage	12vDC	12vDC	12vDC	12vDC
Dimensions (W x H x D, mm)	60 x 185 x 40	60 x 185 x 40	79 x 135 x 21	130 x 45 x 27