






Performance and Spec. Comparison

Product						
Product Name		FaceStation 2	BioStation A2	BioStation 2	BioStation L2	BioLite Net
General	Biometrics	Face	Fingerprint	Fingerprint	Fingerprint	Fingerprint
	Protection Class	-	-	IP65	-	IP65
	RF Options	125 kHz EM, HID Prox/13.56 MHz MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, iCLASS SE/SR, NFC/2.4 GHz BLE	125 kHz EM, HID Prox/13.56 MHz MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, iCLASS SE/SR, NFC	125 kHz EM, HID Prox/13.56 MHz MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, iCLASS SE/SR, NFC	125 kHz EM/13.56 MHz MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, iCLASS SE/SR, NFC	125 kHz EM/13.56 MHz MIFARE, MIFARE Plus, DESFire/EV1 (CSN)
Capacity	Max. Users (1:1)	30,000	500,000	500,000	500,000	5,000
	Max. Users (1:N)	3,000	100,000	20,000	100,000	5,000
	Max. Templates (1:1)	900,000*	1,000,000*	1,000,000*	1,000,000*	10,000*
	Max. Templates (1:N)	90,000*	200,000*	40,000*	200,000*	10,000*
	Max. Text Logs	5,000,000	5,000,000	3,000,000	1,000,000	50,000
	Max. Image Logs	50,000	50,000	-	-	-
Interfaces	Wi-Fi	Yes (Built-in)	Yes (Built-in)	Yes (Built-in)	-	-
	TCP/IP	Yes	Yes	Yes	Yes	Yes
	RS-485	1ch Host or 1ch Slave	1ch Host or Slave	1ch Host or Slave	1ch Host or Slave	1ch Host or Slave
	RS-232	-	-	-	-	-
	Wiegand	1ch In and 1ch Out	1ch In and 1ch Out	1ch In and 1ch Out	1ch In or Out	1ch In or Out
	I/O	2 Inputs	2 Inputs	2 Inputs or 2 Outputs	2 Inputs	2 Inputs
	Relay	1 Relay	2 Relays	1 Relay	1 Relay	1 Relay
	USB	Host	Host	Host	-	-
Hardware	CPU	1.4 GHz Quad Core	1 GHz Quad Core	1.0 GHz	1.2 GHz Quad Core	533 MHz DSP
	Memory	8 GB Flash + 1 GB RAM	1 GB RAM + 8 GB Flash	128 MB RAM + 8 GB Flash	256 MB RAM + 2 GB Flash	16 MB RAM + 8 GB Flash
	LCD	4.0" Color Touch	5.0" Color Touch	2.8" Color LCD	2" Color	128 x 64 Monochrome LCD
	LED Indicator	-	Multi-Color	Multi-Color	Multi-Color	Multi-Color
	Audio	24 bit/Voice DSP (echo cancellation)	24 bit/Voice DSP (echo cancellation)	16-bit Hi-Fi	16-bit Hi-Fi	Multi-tone Buzzer
	Operating Temperature	-4°F to 122°F	-4°F to 122°F	-4°F to 122°F	-4°F to 122°F	-4°F to 122°F
	Tamper	Yes	Yes	Yes	Yes	Yes
	Power	24VDC	12VDC	12VDC	12VDC	12VDC
	PoE	-	Yes	Yes	-	-
	Dimensions (W x H x D in)	5.6 x 6.5 x 4.9	6.1 x 6.1 x 1.6	5.6 x 5.7 x 1.8	2.8 x 7.9 x 1.7	2.4 x 7.3 x 1.6
Certifications	CE, FCC, KC, RoHS, REACH, WEEE, BT SIG	CE, FCC, KC, RoHS, REACH, WEEE	CE, FCC, KC, RoHS, REACH, WEEE	CE, FCC, KC, RoHS, REACH, WEEE	CE, FCC, KC, RoHS	
Compatibility	BioStar 1	-	Yes	Yes	Yes	Yes
	BioStar 2	Yes	Yes	Yes	Yes	Yes

Product						
Product name		BioEntry W2	BioEntry P2	BioEntry Plus	Xpass	Xpass S2
Main	Biometrics	Fingerprint	Fingerprint	Fingerprint	-	-
	Protection Class	IP67, IK09	-	-	IP65	IP65
	RF Options	125 kHz EM, HID Prox/13.56 MHz MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, iCLASS SE/SR, NFC	125 kHz EM, HID Prox/13.56 MHz MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, iCLASS SE/SR, NFC	125 kHz EM, HID Prox/13.56 MHz MIFARE, MIFARE Plus, DESFire/EV1 (CSN), FeliCa, iCLASS SR	125 kHz EM, HID Prox/13.56 MHz MIFARE, DESFire/EV1 (CSN)	13.56 MHz MIFARE, MIFARE Plus, DESFire/EV1 (CSN), FeliCa
Capacity	Max. users (1:1)	500,000	10,000	5,000	40,000	50,000
	Max. users (1:N)	100,000	10,000	5,000	40,000	50,000
	Max. Templates (1:1)	1,000,000*	20,000*	10,000*	-	-
	Max. Templates (1:N)	200,000*	20,000*	10,000*	-	-
	Max. Text Logs	1,000,000	1,000,000	50,000	50,000	100,000
	Max. Image Logs	-	-	-	-	-
Interfaces	Wi-Fi	-	-	-	-	-
	TCP/IP	Yes	Yes	Yes	Yes	Yes
	RS-485	1ch Host or Slave	1ch Host or Slave	1ch Host or Slave	1ch Host or Slave	1ch Host or Slave
	RS-232	-	-	-	-	-
	Wiegand	1ch In or Out	1ch In or Out	1ch In or Out	1ch In or Out	1ch In or Out
	I/O	2 Inputs	2 Inputs	2 Inputs	2 Inputs	2 Inputs
	Relay	1 Relay	1 Relay	1 Relay	1 Relay	1 Relay
	USB	-	-	-	-	-
Hardware	CPU	1.2 GHz Quad Core	1.0 GHz	533 MHz DSP	533 MHz DSP	533 MHz DSP
	Memory	256 MB RAM + 2 GB Flash	64 MB RAM + 8 GB Flash	8 MB RAM + 8 MB Flash	16 MB RAM + 8 MB Flash	16 MB RAM + 16 MB Flash
	LCD	-	-	-	-	-
	LED Indicator	Multi-Color	Multi-Color	Multi-Color	Multi-Color	Multi-Color
	Audio	Multi-tone Buzzer	Multi-tone Buzzer	Multi-tone Buzzer	Multi-tone Buzzer	Multi-tone Buzzer
	Operating Temperature	-4°F to 122°F	-4°F to 122°F	-4°F to 122°F	-4°F to 122°F	-31°F to 149°F
	Tamper	Yes	Yes	Yes	Yes	Yes
	Power	12VDC	12VDC	12VDC	12VDC	12VDC
	PoE	Yes	-	-	Yes	-
	Dimensions (W x H x D in)	2.0 x 6.8 x 1.7	2.0 x 6.5 x 1.5	2.0 x 6.3 x 1.5	1.8 x 5.1 x 1.1	3.1 x 4.7 x 0.4
Certifications	CE, FCC, KC, RoHS, REACH, WEEE, UL 294	CE, FCC, FC, RoHS, REACH, WEEE	CE, FCC, KC, RoHS	CE, FCC, KC, RoHS	CE, FCC, KC, RoHS	
Compatibility	BioStar 1	Yes	-	Yes	Yes	Yes
	BioStar 2	Yes	Yes	Yes	Yes	Yes

* Two templates per finger