






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 | - |

| 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 |

* Two templates per finger