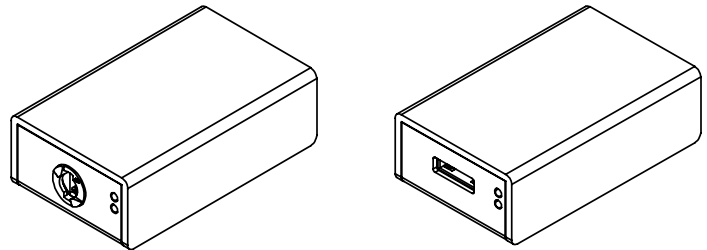


Designed for ease of integration, the KeyLink II and SlimLink II read/write devices are stand-alone interface units that connect quickly to host hardware via a standard RS-232 or USB port. The KeyLink II/SlimLink II controllers support interchangeable use of serial memory Keys/Tokens including all of Datakey Electronics' Microwire, I²C and SPI interface protocols.¹ Each supported Key/Token is read and/or written by sending commands and data over the communication interface. The Reader/Writer will respond with feedback data and a status response allowing the user to easily monitor the communications with the KeyLink II/SlimLink II. The KeyLink II/SlimLink II Reader/Writers are packaged with a communication cable, configuration software, external power supply (for RS-232) and an integration manual. A Serial Development Kit is available which also includes Key or Token samples as well as Keyceptacle[®] or Receptacle samples.

| Mechanical | |
|---|---|
| Contact Life (Receptacle) | KeyLink II: 200,000 SlimLink II: 50,000 insertion/removal cycles min. |
| Drop Shock | 32" drop on carpet-covered concrete. Repeat three times on each axis. |
| Electrical | |
| Power Requirements | RS-232: 9VDC – 3.5mm jack USB: No external power |
| I/O Connector | RS-232: DB9 Female USB: A male to B male |
| Environmental | |
| Storage Temperature | -40° C to 85° C |
| Operating Temperature | 0° C to 70° C |
| Relative Humidity | 5% to 95% (non-condensing) |
| Supplied Accessories | |
| Rubber Feet | |
| Hook and Loop mounting pads | |
| Manual & Configuration Software | |
| USB A male to USB B mail 6' 5" [2m] (USB) | |
| Wall plug-in power supply (RS-232) | |
| DB9M to DB9F communication cable 6' [1.8m] (RS-232) | |
| Ordering Information ² | |
| KeyLink IIs (RS-232) | 607-0065-000A |
| KeyLink IIse (Cont. Europe) | 607-0065-002A (230 V _{AC}) |
| KeyLink IIu (USB) | 607-0065-001A |
| SlimLink IIs (RS-232) | 607-0068-000A |
| SlimLink IIse (Cont. Europe) | 607-0068-002A (230 V _{AC}) |
| SlimLink IIu (USB) | 607-0068-001A |
| Optional Cradle | 327-0362-000A |



| Communications Protocol | |
|-------------------------|------------------------------|
| Baud rate options | 2400, 4800, 9600, 19200 baud |
| Data length | 8 bits |
| Stop bits | 1 bit |
| Parity type | Even/Odd/None |
| Default settings | 9600, 8, 1, N |

| Pin Assignment - USB | | |
|----------------------|-----------------------|--------|
| Pin# | Function | Signal |
| 1 | Power | PWR |
| 2 | USB Data Signal Minus | USB DM |
| 3 | USB Data Signal Plus | USB DP |
| 4 | Ground | GND |

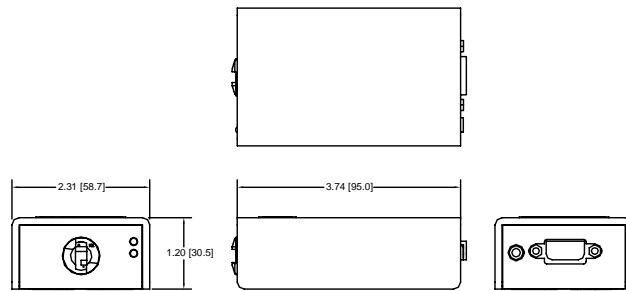
| Pin Assignment (RS-232) | | |
|-------------------------|------------------|--------|
| Pin# | Function | Signal |
| 1 | No Connection | |
| 2 | Data From Reader | TXD |
| 3 | Data to Reader | RXD |
| 4 | No Connection | |
| 5 | Signal Ground | GND |
| 6 | No Connection | |
| 7 | No Connection | |
| 8 | CTS from Reader | CTS |
| 9 | No Connection | |

NOTES:

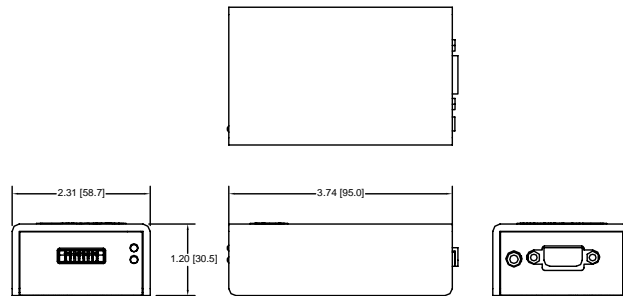
- 1: SlimLink™ II does not support the NFX Managed-Memory™ Token - see NFX Interface.
2: "A" suffix on part number indicates RoHS compliance.



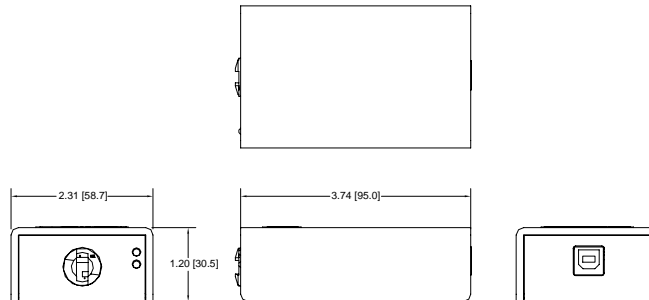
KeyLink™ IIs



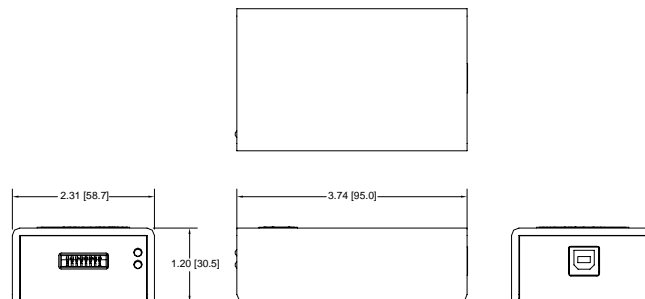
SlimLink™ IIs



KeyLink™ IIu



SlimLink™ IIu



Drawing dimensions are in inches and millimeters [mm]. Dimensions are nominal and subject to manufacturer's tolerances.

