



Keytroller[®], Slimtroller[™], Unitroller[™]

Datakey Electronics offers an off-the-shelf system that can **interface directly with PLC or PC controllers** to provide benefits that are not available in stand-alone systems. Combined with Datakey Electronics' reprogrammable memory Keys or Tokens, the Keytroller, Slimtroller and Unitroller provide a simple hardware interface between the individual and controller (host) via USB or RS-232 connections. They are designed to work in rugged manufacturing and other harsh environments.



Uses include:

- Access Control
- Recipe Uploading
- User Authentication
- Data Logging
- Data Storage
- Regulatory Compliance Monitoring
- Lock Out/Tag Out



Demo Key
molded in clear plastic to show internal memory chip

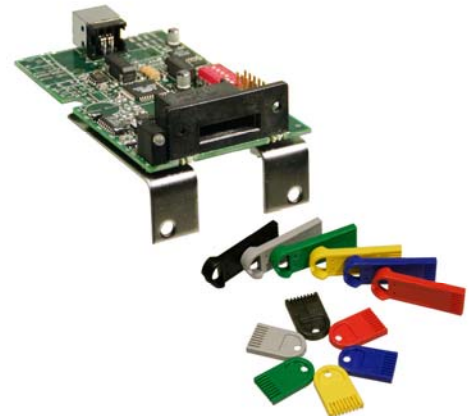
This system can also be used to grant different levels of machine access rights based upon training, need or trust.

Interfacing to the portable data carrier through these interface devices is easily accomplished through a simple command protocol. The unit's microprocessor handles all of the low-level Key or Token management. The Keytroller and Slimtroller also have LED outputs to give user feedback on the progress of Key/Token detection, reads, and writes. When used in prototyping and in low-volume OEM applications, these devices greatly reduce R&D, time-to-market, and technical risk.



Keytroller[®] (shown with optional faceplate).

In the case of the Keytroller III, Slimtroller III, and Unitroller III (**recommended devices for all new applications**) the host system communicates with the device via a USB interface. For legacy systems, or applications that require an RS-232 interface, the Keytroller II/Slimtroller II/Unitroller II devices are also available.



Slimtroller[™] (& Keytroller[®]) each come with a mounting bracket. **Unitroller[™]** (not pictured) does not include a bracket.

The Keytroller and Slimtroller are designed to be mounted behind, and show through, a dress panel. An optional stainless steel faceplate is available to provide a finished look without having to worry about the panel cutout. This is especially useful in retrofit applications. Panel cutout templates are provided in the user manual. For applications with limited space available immediately behind the control panel, the Unitroller supports remotely connecting a panel-mounted Keyceptacle[®] or Receptacle via a ribbon cable (up to 8" in length).

Compatible with all standard Datakey Electronics serial Keys and Tokens, these units come with communication cable, configuration software, power supply (RS-232 only) and all necessary documentation. *See other side for ordering information.*





Application Example: Industrial Machinery

One company recently integrated Datakey Electronics' Keytroller and rugged memory Keys as an integral part of adding security features to their machines. Each machine utilizes a PC-controlled touch-screen HMI control panel that easily communicates with the memory Keys via the Keytroller. Keys are issued to each user of the machine in order to identify them to the system. The system won't work without a valid Key (access control) and different rights can be granted to each user based on their position, level of training, need, trust, etc. (rights distribution). Read the complete Industrial Machinery case study at: www.datakey.com/applications_case_studies.html

Ordering Information (OEM quantity discounts available)

Recommended Systems:

<u>Key Controllers</u>	<u>Token Controllers</u>	<u>2 x 5 Female Header</u>
Keytroller[®] III (USB)	Slimtroller[™] III (USB)	Unitroller[™] III (USB)
Part #: 607-0066-002A	Part #: 607-0076-002A	Part #: 607-0069-004A
<u>Keytroller III Faceplate</u>	<u>Slimtroller III Faceplate</u>	
Part #: 326-0181-008A	Part #: 326-0181-007A	

Legacy or RS-232 Systems:

<u>Key Controllers</u>	<u>Token Controllers</u>	<u>2 x 5 Female Header</u>
Keytroller[®] IIs (RS-232)	Slimtroller[™] IIs (RS-232)	Unitroller[™] IIs (RS-232)
Part #: 607-0066-000A	Part #: 607-0076-000A	Part #: 607-0069-001A
Keytroller[®] IIu (USB)	Slimtroller[™] IIu (USB)	Unitroller[™] IIu (USB)
Part #: 607-0066-001A	Part #: 607-0076-001A	Part #: 607-0069-000A
<u>Keytroller II Faceplate</u>	<u>Slimtroller II Faceplate</u>	
Part #: 326-0181-003A	Part #: 326-0181-006A	

Contact factory for European version availability.

Development Kit Ordering Information:

Keytroller III, Slimtroller III or Unitroller III Development Kits allow Visual C++ or Visual Basic programmers to easily learn how to program and read Datakey Electronics' serial memory Keys/Tokens. Operating on Windows[®] 98, ME, NT, 2000, or XP platforms, Development Kits include: Keytroller III, Slimtroller III, or Unitroller III, connecting cable(s), PC demo software application with source code, and Programmer's Reference Manual. Customer-specified Key or Token samples included at no additional charge.

Keytroller[®] III (SDK)	Slimtroller[™] III (SDK)	Unitroller[™] III (SDK)
Part #: 702-0082-000A	Part #: 702-0083-000A	Part #: 702-0081-000A

System Keys & Tokens

(Contact factory for higher capacity needs.)



1Kb – 32Mb



1Kb – 32Mb



1Kb – 64Mb

**Refer to Key/Token
Selection Guide for
more details.**



www.datakey.com ■ 800-328-8828 ■ 952-746-4066

