



MonitorKey

CMU Data Key Programming Tool

The Datakey™ device replaces the traditional conflict monitor Programming Card and eliminates the need for mechanical switches, jumpers, and diode cards. This rugged Datakey™ serial memory device is used to store all the configuration parameters for the monitor system and is completely removable and interchangeable.

The EDI *MonitorKey*® CMU Data Key Programming Tool provides the hardware programming interface between a Personal Computer (PC) and the Datakey™ serial memory. This compact tool connects to a serial port of the PC and uses the included *MonitorKey*® software to read, write, and verify the contents of the Datakey™ device. Software Wizards are provided to simplify the initial setup of the parameter database as well as check for data consistency errors.

The EDI *MonitorKey*® software supports all programming parameter requirements of the CMUip-2212, CMU(ip)-212, and the EDI model 2018KCL(ip) signal monitors.

Standard Model:

- MonitorKey-USB uses a USB cable to connect to the PC

MonitorKey® Programming Tool Standard Features:

- Parameter Forms:** Easy to use Parameter Forms are provided for each category of configuration data depending on the monitor model being programmed; Unit Data, Permissive Matrix, Lack of Signal, Multiple Input, Clearance, Current Sense, Field Check, Yellow Disable, Virtual Channels, etc..
- Datakey™ Operations:** The programming tool provides the capability to Read and Write data from the Datakey™ device. A Verify operation will then confirm that the data contained in the Datakey™ device matches that in the Parameter Forms.
- File Management:** Each Datakey™ parameter database can be stored or retrieved from a disk file.
- Initial Setup Wizard:** The Parameter Setup Wizard assists a user in setting up the initial programming for a monitor. Answering a series of questions related to intersection geometry and phase assignments provides the necessary input to the Wizard to *automatically* configure the parameter database for most parameter forms.
- The Setup Wizard minimizes the need to understand complex and often confusing monitor terminology needed to *correctly and accurately* program the monitor configuration.
- Parameter Check Wizard:** The Parameter Check wizard will apply a set of basic configuration rules to the parameter database and provide detailed warnings that configuration conflicts may exist.
- Parameter Report:** The contents of the parameter data buffer can be displayed in a hex format for numerical analysis. A report can also be printed that specifies all parameter settings in a natural language format.
- Install Program:** The *MonitorKey*® software comes with a simple to use installation program and is compatible with Microsoft Windows™ XP, Vista, and Windows 7/8 (32 & 64 bit).
- Compatible Monitor Products:** The *MonitorKey*® software is compatible with the CMUip-2212, CMU-212, CMUip-212, 2018KCL, and 2018KCLip signal monitors.

Datakey is a trademark of Datakey Electronics Inc.
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