

UPDATED SDI-12 SPECIFICATION

HERE is the updated SDI-12 Specification, Version 1.3. The following changes have been made:

- New commands that support a 16 bit Cyclic Redundancy Check (CRC) have been added. The CRC value is encoded as three ASCII characters and appended to the data values that are returned via the standard D (get data) commands. The new commands are:

aMC!, aMC1! . . . aMC9!
aCC!, aCC1! . . . aCC9!
aRC0!, aRC1! . . . aRC9!
- The Data Line "OFF" impedance has been changed from 200K with an implied $\pm 10\%$ tolerance to an explicit range of 160K to 360K Ohms.
- The definition of low power standby mode has been clarified by adding the following statement to the SDI-12 Specification:

"The low power standby mode, in addition to being a power consumption state, is a protocol state and a break is required to leave that state."

- The statement about inductive loads on the 12V line has been clarified by recommending the use of a series diode on the 12V line.

TAX EXEMPT STATUS

The SDI-12 Support Group is a non-profit corporation, which is exempt from federal income taxes under section 501(a) on the Internal Revenue Code. The corporation is registered in the state of Utah.

WEB PAGE ADDRESS

SDI-12 Support Group's web page address is:

<http://www.sdi-12.org>

The web page has links to companies that are members of the SDI-12 Support Group. If you would like us to add a link to your web page, please send us your web page address. Your company must be a member of the SDI-12 Support Group to have a link from our web page.

MEMBERSHIP DUES

Membership dues are now due. A dues form is attached or you can download a PDF version from the SDI-12 Support Group website.

The SDI-12 Support Group is organized exclusively for educational and scientific purposes. The educational purpose is to inform all interested parties about the SDI-12 interface by providing all interested parties with copies of the SDI-12 Specification and providing other information, as appropriate, about the SDI-12 Specification. The scientific purpose is to publish the SDI-12 Specification and to upgrade the Specification when technical changes are necessary to facilitate the collection of environmental data using the SDI-12 Specification.

SDI-12 Support Group CORPORATE NEWS

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