



CoolGear, Inc.
5120 110th Ave N
Clearwater, FL 33760
P: +1-727-209-1300
F: +1-727-209-1302

Date: 10/31/2018

To: All Affected Customers

Title: Product Change Notification

Change Type: Controller IC, Additional support for RS-232 mode

Affected Product(s): USB-COMi-Si-M

Effective Date: 6/1/2018

Device Identification: USB to Optical Adapter Industrial Isolated RS-422/485

1. The USB-UART chip FT232RL is replaced with FT231XQ-R. The new version supports 512 byte receive buffer and 512 byte transmit buffer utilizing buffer smoothing technology to allow for high data throughput. The previous version uses FT232BL supports 384 byte Rx and 128 byte transmit buffer.
2. The schematics and layout of the internal PC board is accordingly changed for FT231XQ-R.
3. In addition to the support of RS-422/485 mode, the new version adds extra support of RS-232 mode. Four signals, RxD, TxD, RTS, CTS, are supported in RS-232 mode.
4. There is no change on the enclosure and the shape of the product. The old and new versions look identical for the users without difference, unless they open the enclosure to see it.
5. The new USB-COMi-Si-M adds extra feature to support RS-232. The DIP Switch setting adds the selection of RS-232 mode. The DIP switch setting is different from the previous version.
6. The driver is updated, and it is supported in Windows Update. When the adapter is installed in the Windows 10, 8, 7 and the PC is connected to the Internet, the driver will be installed automatically without the need to install it manually.

CoolGear Inc,
Rene Rozycki, President
5120 110th Avenue N.
Clearwater, FL. 33760