Cooke /i Technology Data Cable & Update Base

Cooke /i Data cables can be used to check the lens metadata of an /i Technology compatible lens by connecting it to a computer and running the Cooke /i Viewer program. The cable can also be used to update the firmware and/or calibrate the focus, aperture and zoom marks of a Cooke /i lens. The Cooke /i Viewer program will work with any /i lens, but the Cooke /i Update and Cooke /i Calibration programs work only with Cooke /i lenses.

The Cooke /i Viewer program runs on either a Windows or Mac computer. The Cooke /i Update and Cooke /i Calibration programs only run on a Windows operating system.

The newest /i Data cables connect to the lens's lemo port on the side of the lens and to a USB port on your computer.

The button in the middle of the new cable is useful for interrupting power to the lens when running the Cooke /i Update program to update lens firmware.
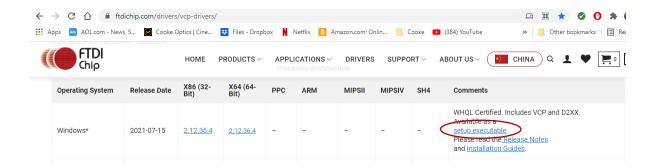
The USB side of the cable is USB powered and USB 2.0 full speed compatible. Each cable is 1.8m long, supports a data transfer rate up to 1 Mbaud and supports the FTDIChip-ID™, with a unique USB serial number programmed into the FT232R.

If the USB port does not operate correctly you may need to update the driver on your windows PC. Go to the FTDI web site: (https://ftdichip.com/drivers/vcp-drivers/) and follow the instructions under "VCP Drivers" tab for Virtual Comm Port.

Run the setup executable link found on the righthand side of the screen under comments.

The older /i³ Data cables require external power and a USB to RS-232 DB9 Serial Adapter.

Most Cooke /i³ lenses have two communications channels. One communication port is in the PL mount and the other port is located on the side of the lens.

If connecting the older /i³ cable to a computer, please be aware that not all USB to RS-232 adapters work correctly with the cable. We recommend an FTDI chipset high speed USB 2.0 to Serial RS-232 DB-9 converter.

The Cooke /i³ Update Base can be used to communicate with lenses through the PL mount. This is especially useful for miniS4/i³ lenses which do not have a side lemo connector. It is also useful for checking to make sure both communication ports are functioning correctly.