Data Commander™
Quick Reference Guide

This quick start guide is your 1-2-3-Run instructions to connect your devices (e.g. PLCs) to databases (e.g. SQL) in minutes.

Log-on to www.theDataCommander.com for video tutorials and in-depth manual.

DATA COMMANDER™

elliTek, Inc.

1. Power

Unpack your Data Commander™. Locate and connect the AC power adaptor. Plug the power adaptor into any standard grounded receptacle.

2. Install

Before interfacing your Data Commander™, the Workbench setup software must be installed on a local PC. This software may be downloaded online by navigating to:

> https://www.theDataCommander.com/resources

Download the Workbench software. Navigate to the installation file location and double-click the executable file to begin the installation.

3. Connect

Ensure the Data Commander™ is connected via standard Ethernet (RJ45) cable connections (*not included*). The unit is equipped with two (2) RJ45 network ports labeled ETH0 and ETH1. The unit comes pre-configured with the following addresses:

> ETH0: 192.168.1.68
> ETH1: 10.10.10.10

To connect to the unit first reference the Network Connections area in Windows and perform the steps on the reverse side. A step-by-step "How To Connect" tutorial can be viewed on www.theDataCommander.com/tutorials.

Data Commander™ Resources

www.theDataCommander.com

Data Commander™ software
Data Commander™ manual
OT-IT Reference Guides
OT-IT Concepts
Presentations
White Papers

The video library includes tutorials to connect to:

- **the Data Commander™**
- **a device / PLC**
- **a SQL database**

and create:
- **an insert action**
- **a select action**
- **an event-based trigger**
- **and more...**

2018 Golden Mousetrap Award Winner

3. Connect continued

To connect to the unit, first reference the Network Connections area in Windows and perform the following:

- Right click the appropriate LAN connection, and select 'Properties'.
  Highlight 'Internet Protocol Version 4 (TCP/IPv4)'
- Select 'Properties'
- Select 'Use the Following IP Address:'
- If connected to ETH0, the PC address should be set to 192.168.1.nnn, where 'nnn' is a unique number between 2 and 255. ETH1 will be set in similar fashion. Note that the PC address should not match that of the Data Commander™ port.
- Set the Subnet mask to 255.255.255.0

Run!

Open the Workbench software, right click 'Nodes', select a 'Network', and 'Scan' for the Data Commander™ unit. Once located, the Data Commander™ icon will be displayed on the left-hand tree view of the Workbench software.
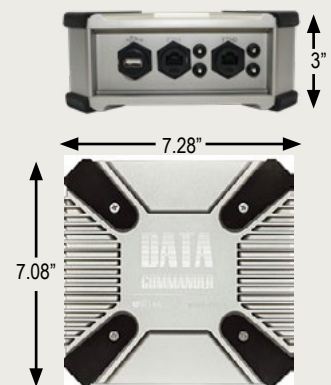

Resetting IP Addresses to Default

Resetting the Data Commander™ unit allows the user to return the IP address assignments to the factory settings without compromising existing programs and settings:

1. Power OFF the Data Commander™
2. Fully press and HOLD the RESET button
3. Press and RELEASE the POWER button. Ensure the red POWER indicator remains illuminated.
4. Continue HOLDING the RESET button for 25 seconds
5. Release RESET button - the IP addresses will be reset to:
   ETH0: 192.168.1.68 / 255.255.255.0
   ETH1: 10.10.10.10 / 255.255.255.0

Specifications:

Power: 110/240 VAC, 50/60 Hz (*Grounded*)
Temperature: -60°C to +80°C ambient
Dimensions: 7.08" x 7.28" x 3" (180mm x 185mm x 76mm)
Enclosure: IP65 (*covers installed*)

3"

7.28"

7.08"