



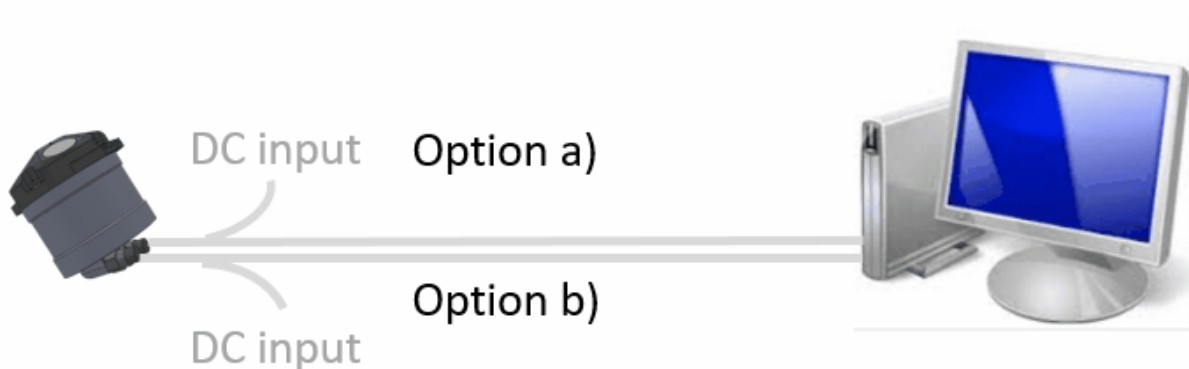
NORTEK

# Quick guide

DVL 1000 | DVL 500 | DVL 333



This short guide is meant to be an overview of the resources available and how you can connect to your DVL for a first time use. Once you are connected to the system, you will get access to the DVL operations manual within the web browser (under the Applications tab), or you can find it on the Nortek website ([www.nortekgroup.com](http://www.nortekgroup.com) > Support > Manuals and quick guides, and filter on DVL). When connected to the instrument you can check for new software and firmware versions, provided that your computer is connected to the Internet.



**Follow the included Connector Care bulletin when connecting the cable to the DVL**

1. Connect DVL to PC in one of the following ways:
  - a) For Ethernet communication (option a) in the figure above): Connect the communication cable to the connector marked with "E". The DVL can be connected directly to the PC, or through a switch. Remember to supply power to the DC input.  
**Note: DVL instruments cannot use Power over Ethernet (PoE) technology. Using PoE with your DVL will damage the electronics board and require .**
  - b) For serial communication (option b) in the figure above): Connect the communication cable to the connector marked with "S". Supply power to the DC input.

Note: Once power is provided to the DVL, the blue LED on the top of the sensor head will light up. The default mode is for the DVL to begin measuring shortly after power is applied with the last valid configuration, whereby the LED will blink at the configured sampling rate. Alternatively a solid blue LED indicates the DVL is in command mode and ready to receive commands.

2. Establishing communication to the PC:
  - a) For Ethernet communication, find and install the Nortek Discover application on the Nortek website ([www.nortekgroup.com](http://www.nortekgroup.com) > Products > Software > Filter on DVL). Alternatively if internet access is not available, one can find the DVL via file explorer, inside the Network folder. Use Nortek Discover application (or file explorer) to find the IP address for the DVL. This may take several minutes for the first time connecting. The DVL's web browser interface may then be accessed by using the DVL's assigned IP address in a web browser.
  - b) For serial communication, open a terminal emulator on the default baud rate (listed on the final check list document). If the output is garbled you have to change to the correct output. Note that the DVL may be outputting binary data.
3. Refer to the DVL Operations and Integration manual for a functionality check.

**Nortek Online**

On our website, [www.nortekgroup.com](http://www.nortekgroup.com), you will find technical support and user manuals. General information, technical notes and user experience can also be found here.

**Contact Information**

If you need more information, support or other assistance, you are always welcome to contact us or any of our subsidiaries by email or phone.

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