



## Q.ick Start Guide: How to Retrieve Data from a USB Device connected to a Q.series Controller using Total Commander

Purpose: Sometimes the location of a Q.series controller isn't easily accessible. This means that it is hard to retrieve the data on the USB stick that is attached to the controller. However it is possible to FTP to the controller via the Ethernet connection.

We shall use the Total Commander software to obtain the logged data files. Whether it is a Q.gate or Q.station, it is possible to copy, move, delete, etc. the files saved on the USB stick.

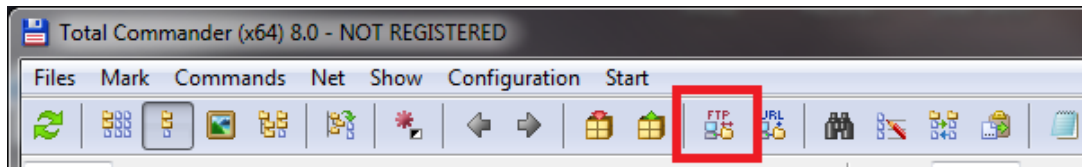
Note: It's not possible to log data to a USB stick attached to a Q.gate if the PAC functionality is activated.

Download and install the Total Commander software onto the PC.

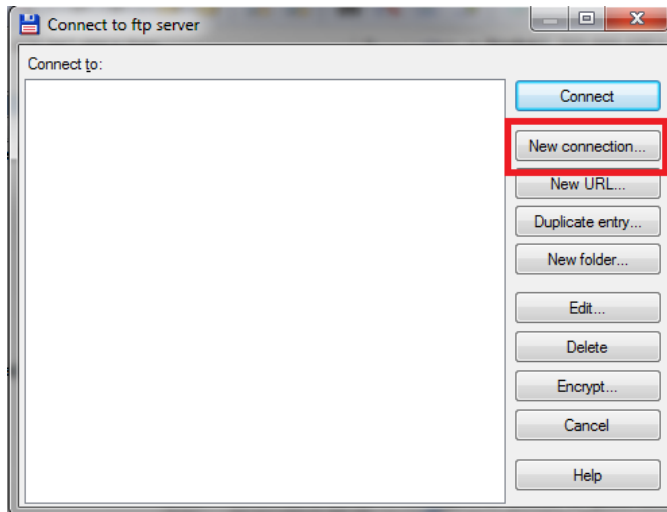
<http://www.gantnerinstruments.com/software%20downloads/tcmd750a.exe>

### Procedure:

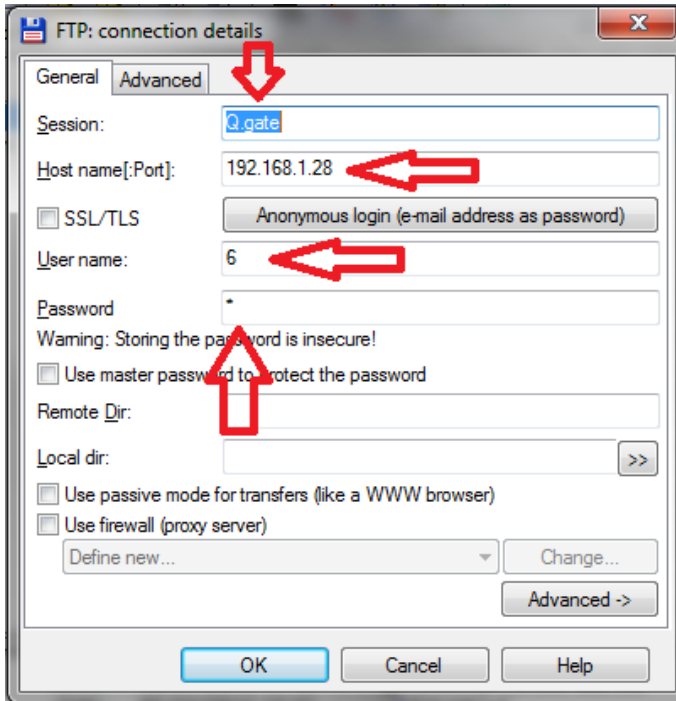
1. After Total Commander has been installed and data has been logging on the USB stick, start the Total Commander software.
2. Click on the FTP icon:



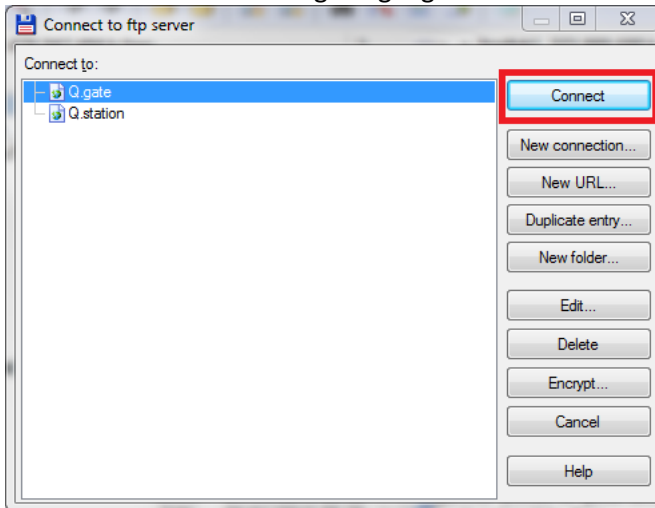
3. Select New connection:



4. Enter the following properties for the connection:
  - Session: a reference name for the connection (i.e. Q.gate or Q.station)
  - Host name: the IP address of the controller (i.e. 192.168.1.28)
  - User name: 6 (use for both Q.gate or Q.station)
  - Password: 6 (use for both Q.gate or Q.station)



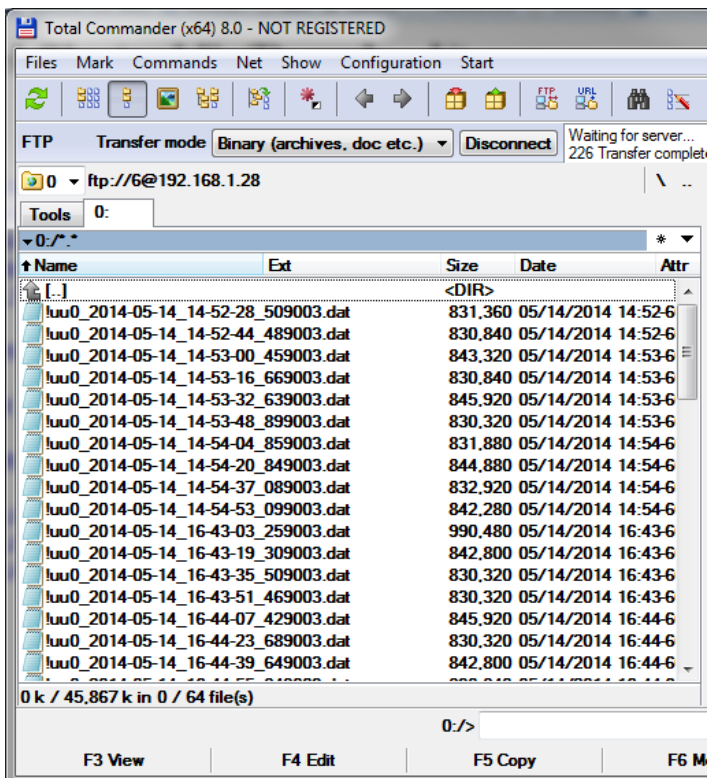
5. Click OK to save the settings. Highlight the connection you would like to use and click Connect.



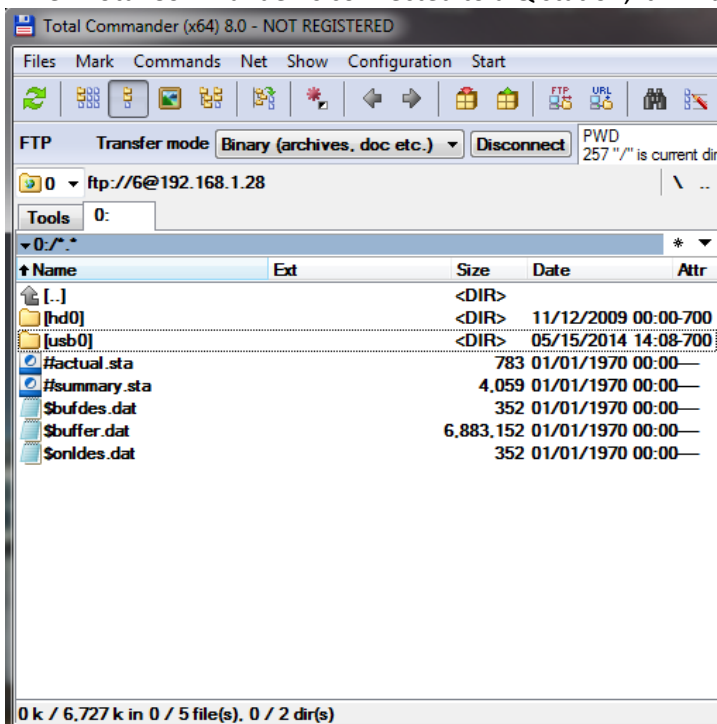
6. Total Commander will display the files located on the USB stick. The files can be copied, moved, deleted, etc. using the commands at the bottom of the page. Highlight the file you would like to modify before selecting a command.

The format of the file name is: !uc0\_YYYY-MM-DD\_hh-mm-ss\_000000.dat

Symbol	Meaning	Symbol	Meaning
!	Data on USB	D	Day
u	User Controlled Data	h	Hours
c	File Identifier	M	Minutes
0	Buffer Index	s	Seconds
Y	Year	000000	Microseconds
M	Month		

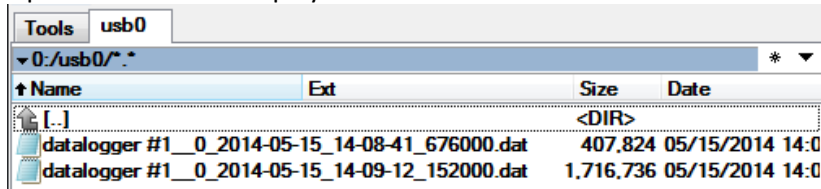


- These .dat files can be opened using test.viewer on a PC.
- When Total Commander is connected to a Q.station, it will display a folder called usb0.





9. Open this folder to display the data stored on the USB stick:



10. The files saved using the Q.station are named using the name of the logger, and the date and time the file was saved. These .dat files can be opened using test.viewer also.
11. **IMPORTANT:** Be careful not to modify/delete the other files shown inside the controller. These are configuration files crucial to the proper operation of the controller.

**Contact us today if you have any further questions!**