

# 3154 Sample Application Manual

## Overview

The 3154 Sample Application (this application) can perform the following operations on the 3154.

- Backing up and restoring instrument settings
- Testing communications command transmit/receive functionality

## System requirements

- CPU: Operating speed of 1 GHz or greater
- RAM: 512 MB or greater
- Operating system: Windows 10 (32-bit/64-bit)
- Microsoft .NET Framework 4.0
- Interface: RS-232C
- Monitor resolution: 1,024×768 or greater
- Hard drive: Free space of 5 MB or greater (If .NET Framework 4.0 has not yet been installed, about 900 MB more free space will be required.)

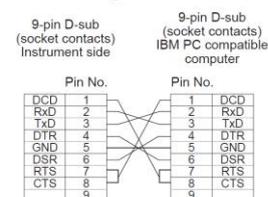
## Installing this application

1. Extract the downloaded “3154SampleApplicationxxx.zip”.

## Connecting the computer to the 3154

- Connect the computer to the 3154 with a D-sub 9-pin female to D-sub 9-pin female cross cable.
- Recommended cable: HIOKI 9637 RS-232C Cable (9pin-9pin/1.8m)

Crossover wiring



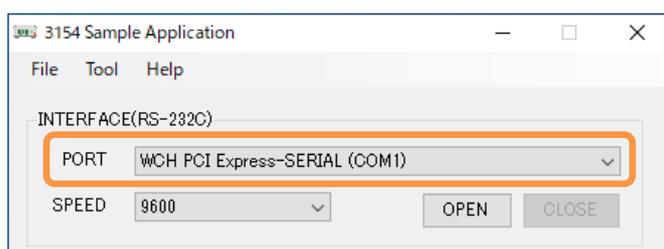
Recommended cable: HioKI 9637 RS-232C Cable (9pin-9pin/1.8 m)

## Launching the application and connecting to the 3154

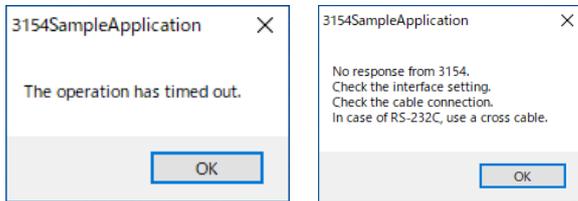
1. Double-click the “3154SampleApplication.exe”.
2. Check the interface **PORT** settings, and then click **OPEN**.



3154SampleApplication.exe



- If an error message such as the following appears, verify that the proper port has been set.

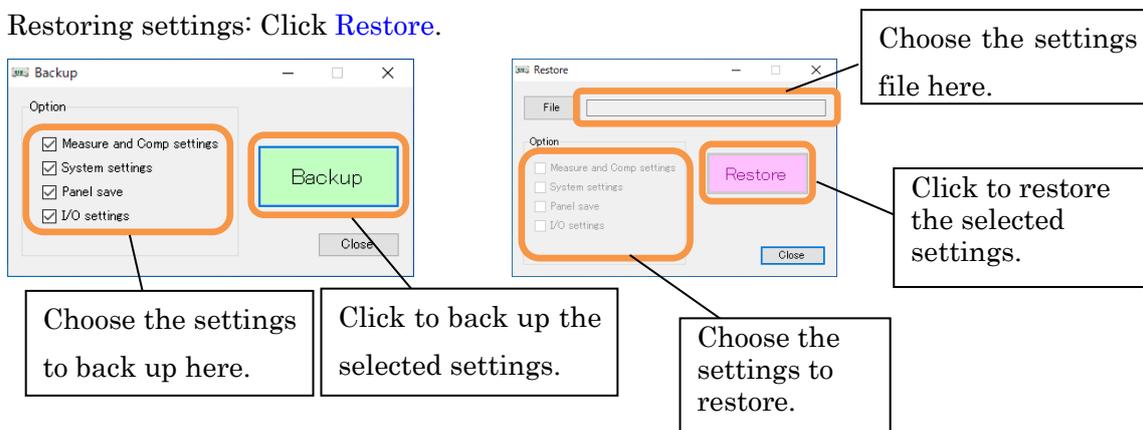


### Backing up and restoring instrument settings

The application can back up instrument settings as a settings file. Settings files have the extension “.bak.”

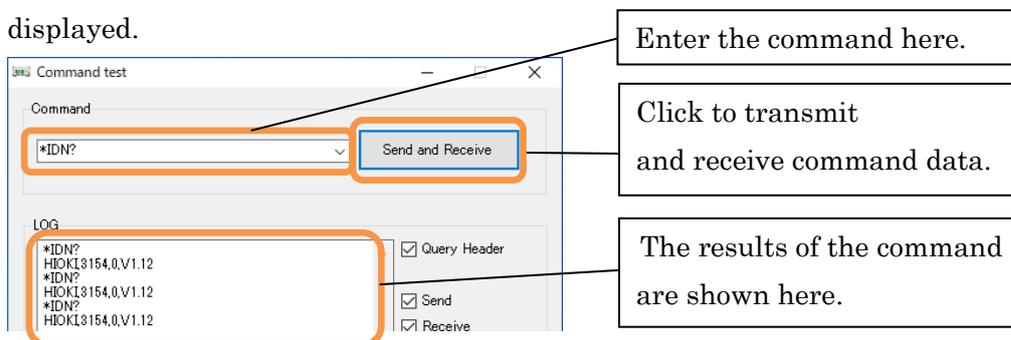
Backing up settings: Click [Backup](#).

Restoring settings: Click [Restore](#).



### Testing communications command transmit/receive functionality

The application can transmit and receive user-specified commands. This functionality can be accessed from [Command test](#) on the [Tool](#) menu. The command test screen will be displayed.



### Disclaimer

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