Z3 Serials Data Transfer Operation Guide

Part 1: Preparation for Installation

1. A network cable.
2. PC with LAN port.
3. Install Data Management system software which we send to you.

    3.1 Operating system requirement: Windows 7 (32bit & 64bit); Windows 8.1Pro; Windows 10 Pro; Windows XP Professional SP3.

    3.2 Supported language: English, Spanish.

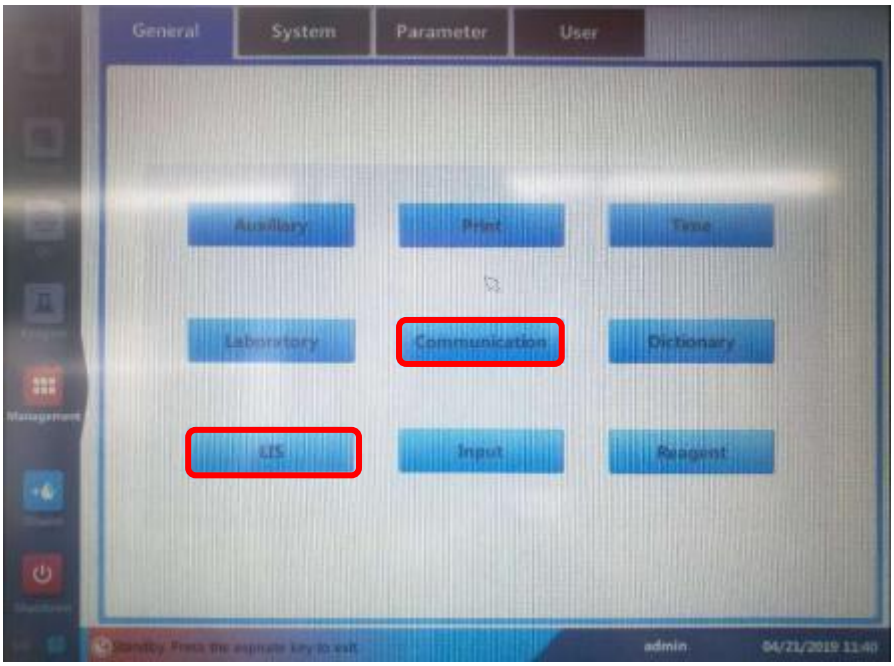
    3.3 Supported resolution: at least 1024*768.

Part 2: Parameter setting for machine and PC

PS: Parameter for machine and PC should be matching to each other.

1. Connect machine and computer with network cable. Check if PC LAN port green light is flashing to confirm whether the cable connected well or not.

2. Enter in “Management” => “Setup” => “General” interface like the following picture.



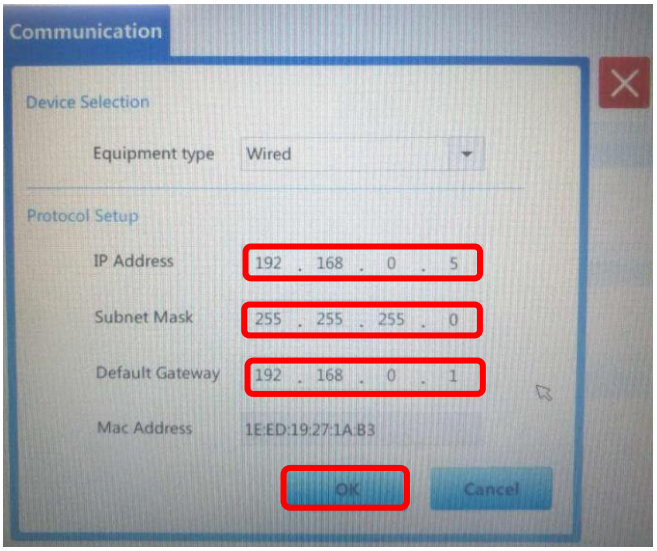
3. Enter in communication interface set “IP Address” and “Default Gateway”. Then click OK to save.

For example:

IP Address: 192.168.0.5

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.0.1



4. Enter in LIS interface set IP Address and LIS Port. Then click OK to save.

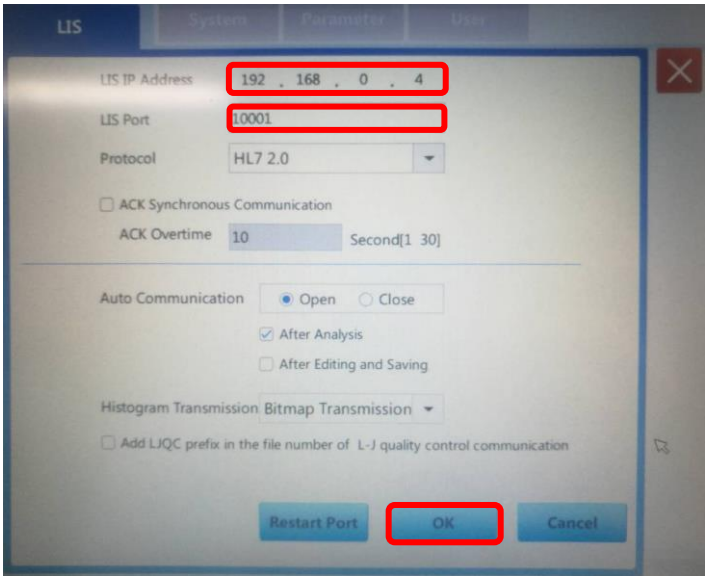
For IP Address in this interface, the front 3 parts numbers should be the same with IP address in communication interface and the final part should be different.

For LIS port, normally we can set it from 10001 to 10009.

For example:

LIS IP Address: 192.168.0.4

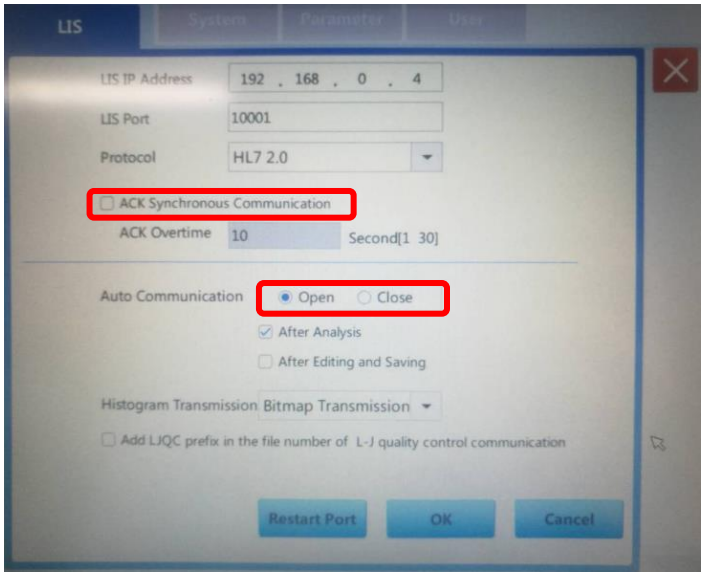
LIS Port: 10001



PS: Other setting for Data Transfer

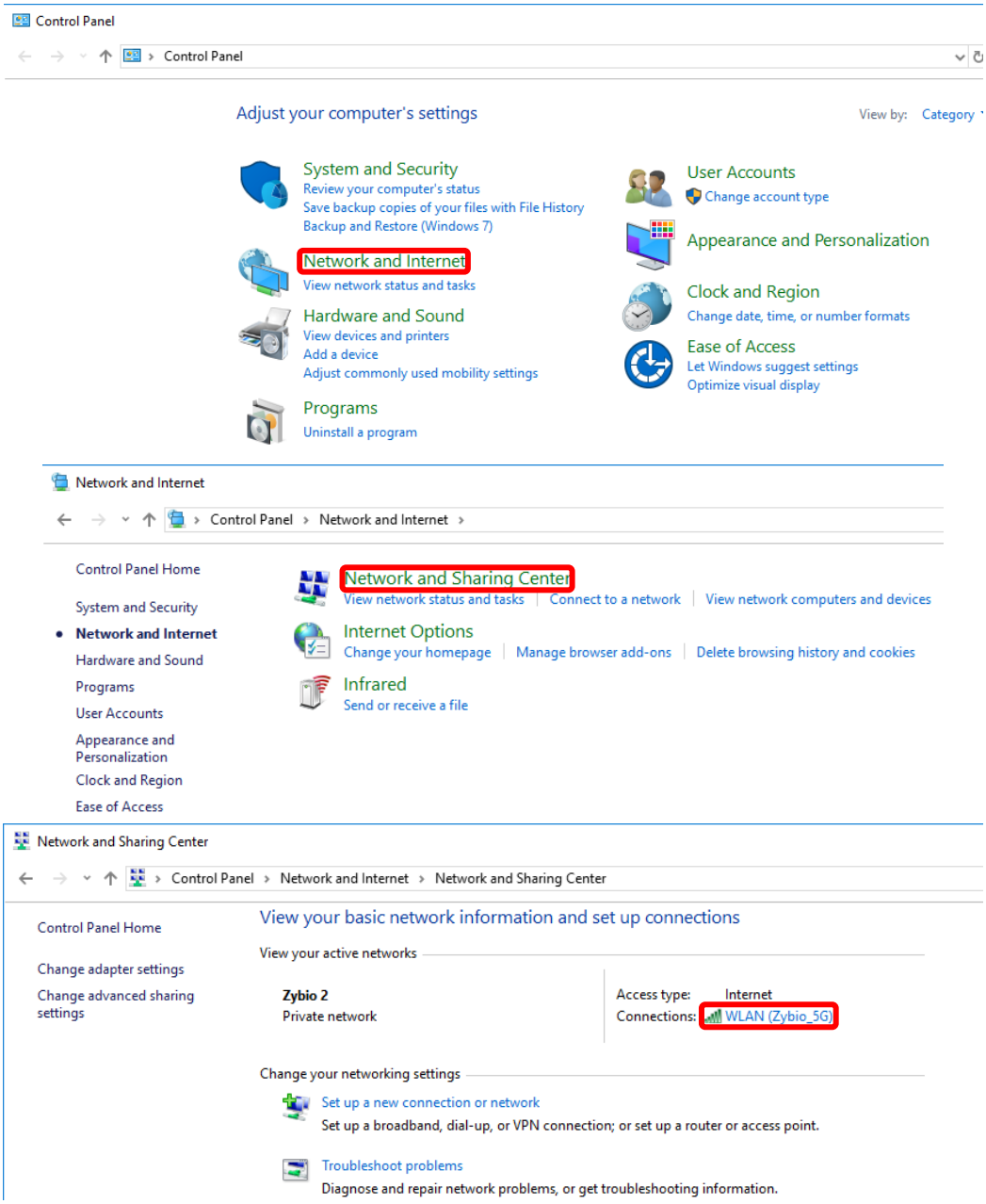
ACK Synchronous Communication shouldn't be selected.

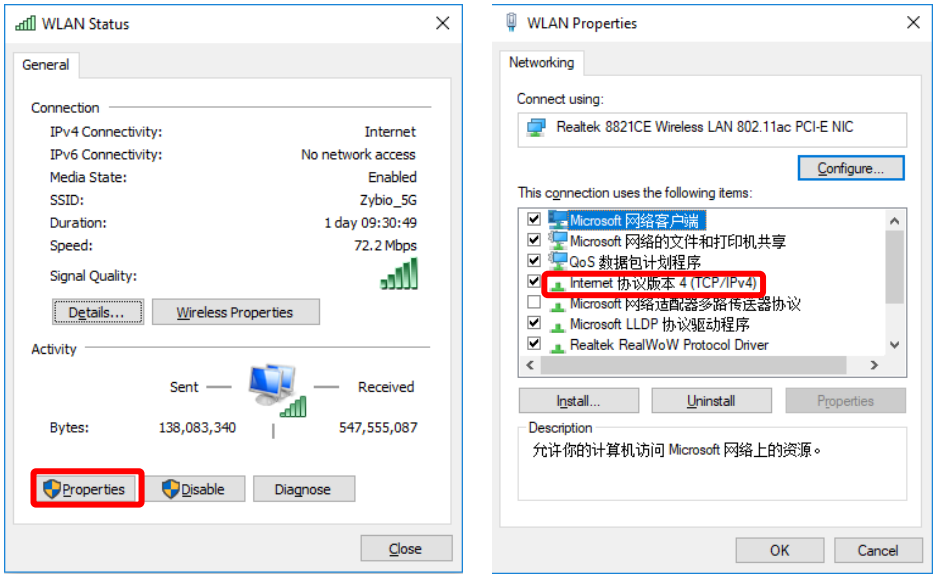
In this interface can also set auto communication, with "Open" and "Close" we can set machine whether to transfer data automatically or no. We can set machine transfer data automatically after analysis or after editing and saving.



5. After finishing setting instrument parameters, now we need to set PC parameters.

6. Turn on your PC and then enter in “Control Panel” => “Network and Internet” => “Network and Sharing Center” => “WLAN” => “Properties” => “Internet 4 (TCP/IPv4)” interface like the following picture.

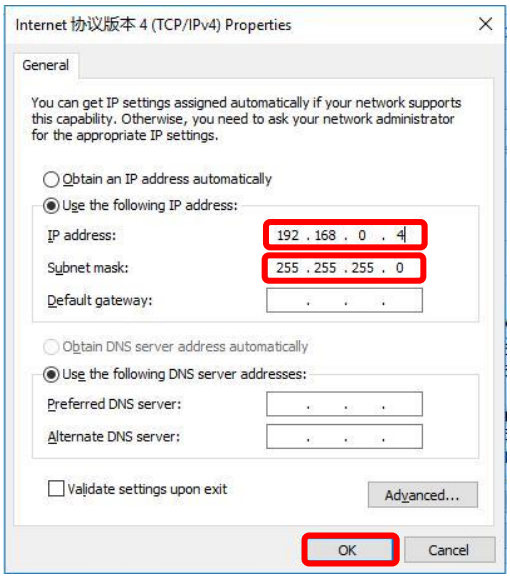




7. Set IP Address, and then click OK to save.

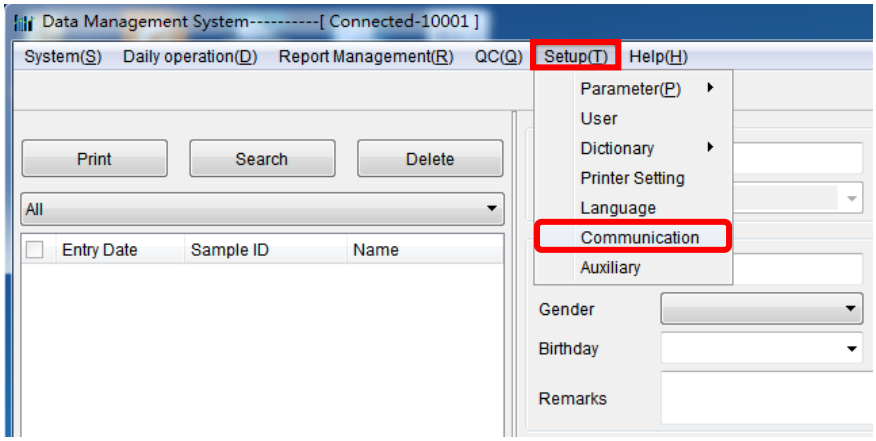
IP address: 192.168.0.4 (IP Address of PC should be the same with IP Address in instrument LIS interface setting.)

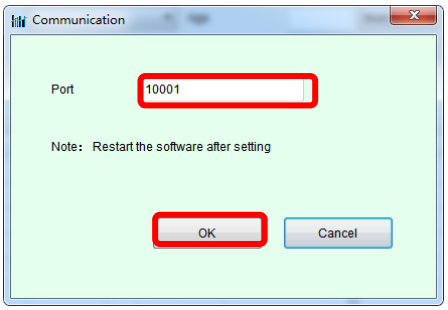
Subnet Mask: 255.255.255.0 (After IP Address setting Subnet Mask will generate automatically.)



8. Set LIS port for Data Management System software. Log in Data management system on computer, username: admin, password: admin. Enter in “Setup” => “communication” interface like following picture shows.

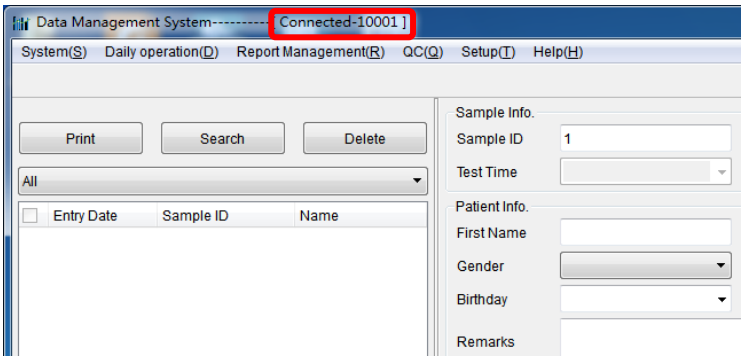
The Port number should be the same with LIS Port number “10001”. Then click OK to save.





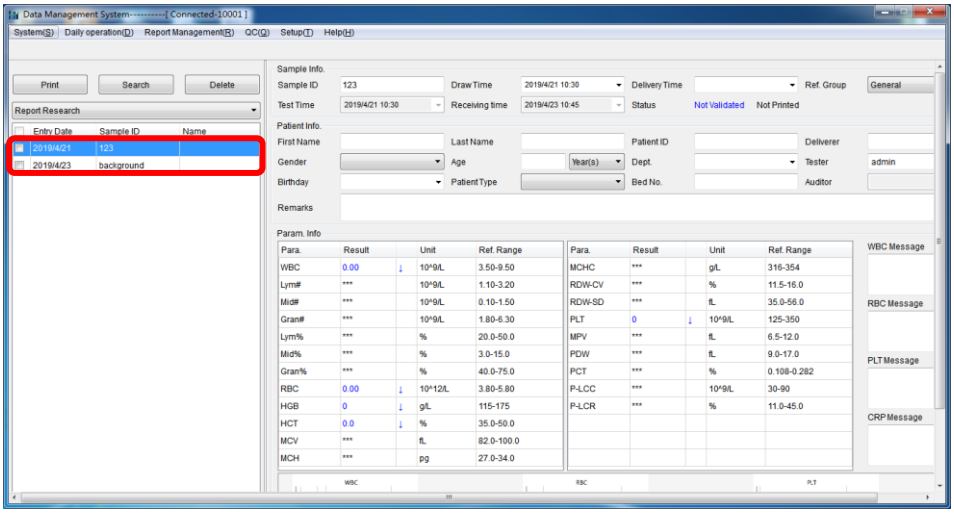
Part 3: Search and export analysis data

1. Log in Data management system on computer, username: admin, password: admin. Make sure the communication between machine and PC is successful. If it's successful, we will get notice "connected and LIS port number" in title area like following picture shows. It will show connected and port number. If it still show us unconnected, please check the IP address and restart your PC & Data management system.

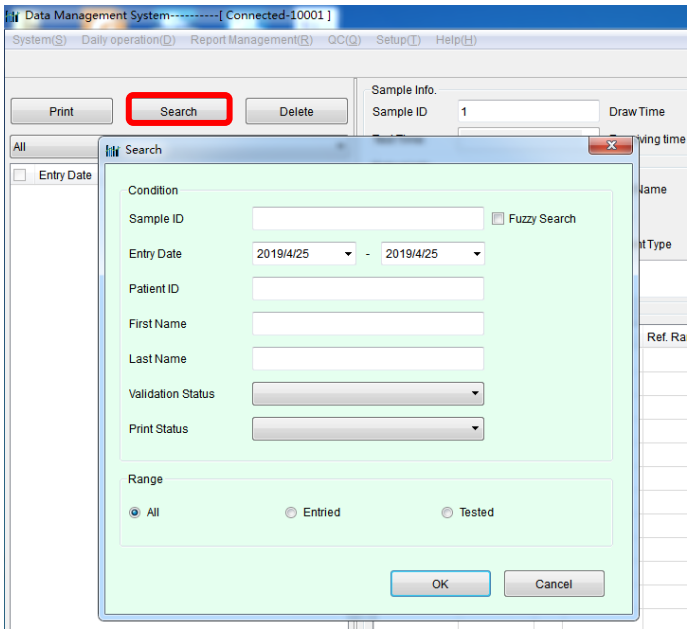


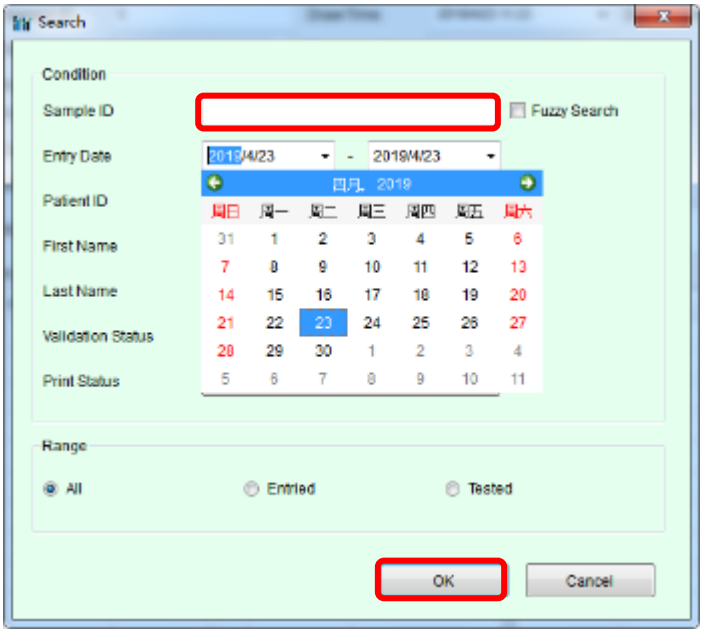
2. Enter into review interface, select corresponding result we need to export. Then click comm. button and the analysis data will be exported to Data Management System. Like the following picture shows.

Notice: Please check the system time of analyzer and PC are the same. If it's different, analysis data will not be showed on Data Management System directly. We need search it at first then it will be showed.



3. The Data management System can store the history data. If you want find the history information, click search and select the time range, click OK to confirm it, then the system will search the history analysis data automatic.





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