

## How do I directly control an instrument using LAN?

February 16, 2021

For convenience, we recommend connecting your instrument to your LAN using a router that can configure DHCP directly and use an internet switch to connect the LAN to the instruments you wish to control.

In some cases, you may wish to directly connect your computer to an instrument LAN port without a LAN available.

This requires:

1. A crossover Ethernet cable. A through type cable will not work because most instrumentation does not have Tx/Rx switching capability at the physical LAN connection.

OR

2. An Ethernet switch and “through” type cables. Here, the switch configures the Tx/Rx routing and no special cabling is required.



### **North American Headquarters**

SIGLENT Technologies NA  
6557 Cochran Rd Solon, Ohio 44139  
Tel: 440-398-5800  
Toll Free: 877-515-5551  
Fax: 440-399-1211  
[info@siglent.com](mailto:info@siglent.com)  
[www.siglentamerica.com/](http://www.siglentamerica.com/)

### **European Sales Offices**

SIGLENT TECHNOLOGIES GERMANY GmbH  
Staetzlinger Str. 70  
86165 Augsburg, Germany  
Tel: +49(0)-821-666 0 111 0  
Fax: +49(0)-821-666 0 111 22  
[info-eu@siglent.com](mailto:info-eu@siglent.com)  
[www.siglenteu.com](http://www.siglenteu.com)

### **Asian Headquarters**

SIGLENT TECHNOLOGIES CO., LTD.  
Blog No.4 & No.5, Antongda Industrial Zone,  
3rd Liuxian Road, Bao'an District,  
Shenzhen, 518101, China.  
Tel: + 86 755 3661 5186  
Fax: + 86 755 3359 1582  
[sales@siglent.com](mailto:sales@siglent.com)  
[www.siglent.com/ens](http://www.siglent.com/ens)