


## DG-1000 Pressure and Flow Gauge Networking Examples

### TEC Example 1

Single Fan System (1 DG-1000 Gauge – wireless communication)

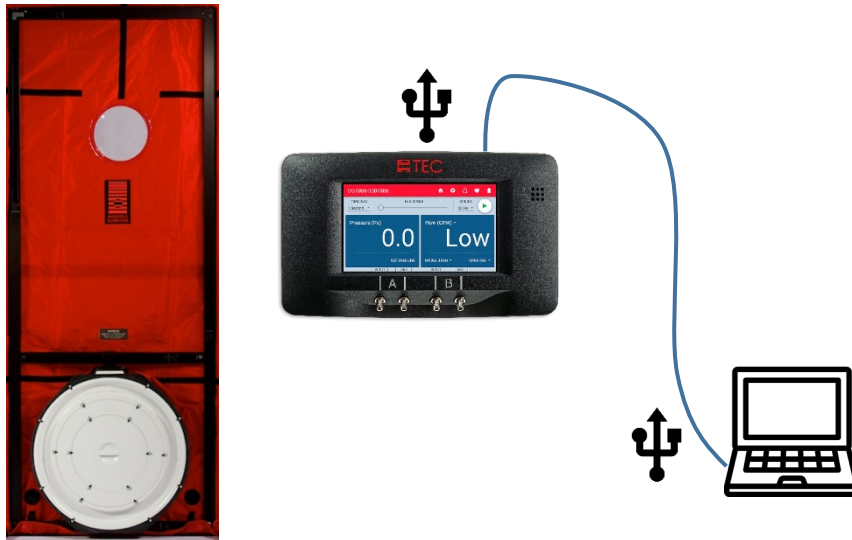


### Wireless Connections


- 1 DG-1000 gauge with the network configuration set to **Create Network**  .
- The laptop computer is joined to the wireless network being broadcast by the DG-1000 gauge.

## TEC Example 2

### Single Fan System (1 DG-1000 Gauge – wired USB communication)



#### Wired Connections



- 1 DG-1000 with the network configuration set to **USB** .
- The laptop computer is connected to the DG-1000 gauge using a micro USB/standard USB cable.
- You will need to download and install the appropriate USB driver to your laptop computer in order to use the **USB** networking option. Drivers are installed on the laptop using the Windows Update service.

### TEC Example 3

#### Single 3 Fan System (2 DG-1000 Gauges – wireless communication)

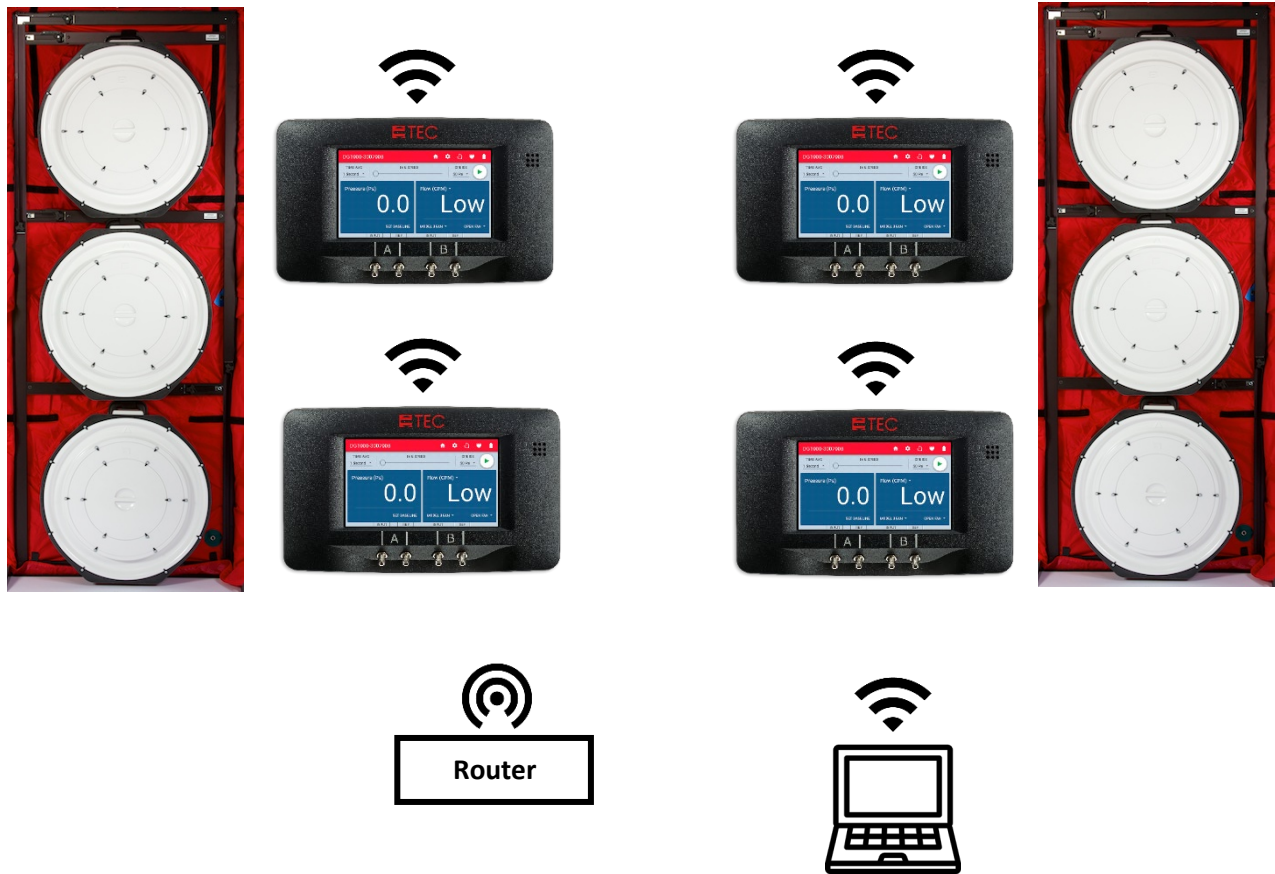


#### Wireless Connections


- 1 DG-1000 gauge in the 3 Fan System with the network configuration set to **Create Network** .
- 1 DG-1000 gauge in the 3 Fan System with the network configuration set to **Join Network** .
- Both the laptop computer and the DG-1000 gauge set to **Join Network** are joined to the wireless network being broadcast by the DG-1000 gauge set to **Create Network**.

## TEC Example 4

### Multiple 3 Fan System (4 DG-1000 Gauges – wireless communication)

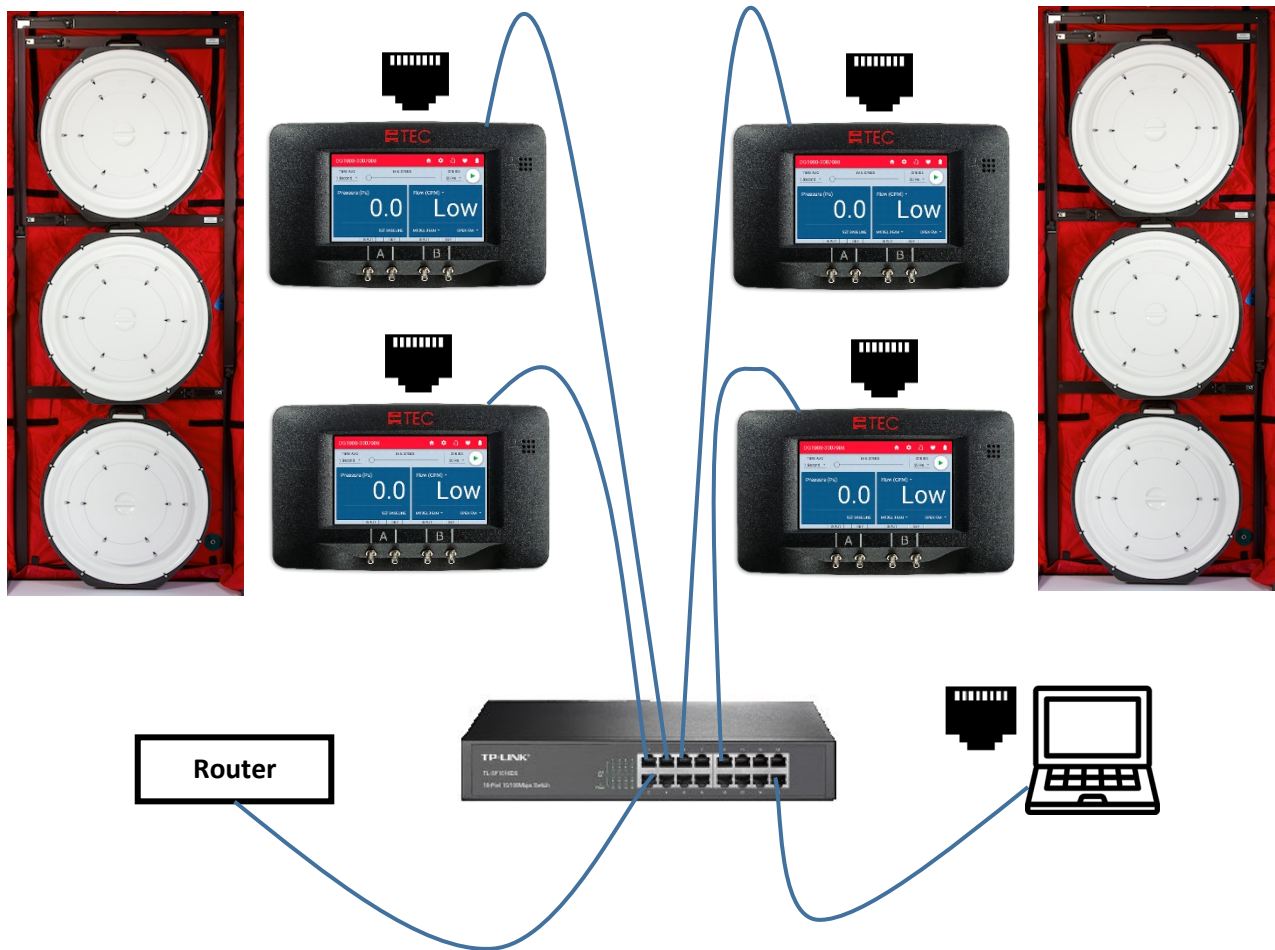


### Wireless Connections


- All 4 DG-1000 gauges with the network configuration set to **Join Network** .
- The 4 gauges are joined to the wireless network being broadcast by the router.
- The laptop computer is also joined to the wireless network being broadcast by the router.
  
- This setup can be expanded for additional Blower Door systems and DG-1000 gauges.

## TEC Example 5

### Multiple 3 Fan System (4 DG-1000 Gauges – wired Ethernet communication)

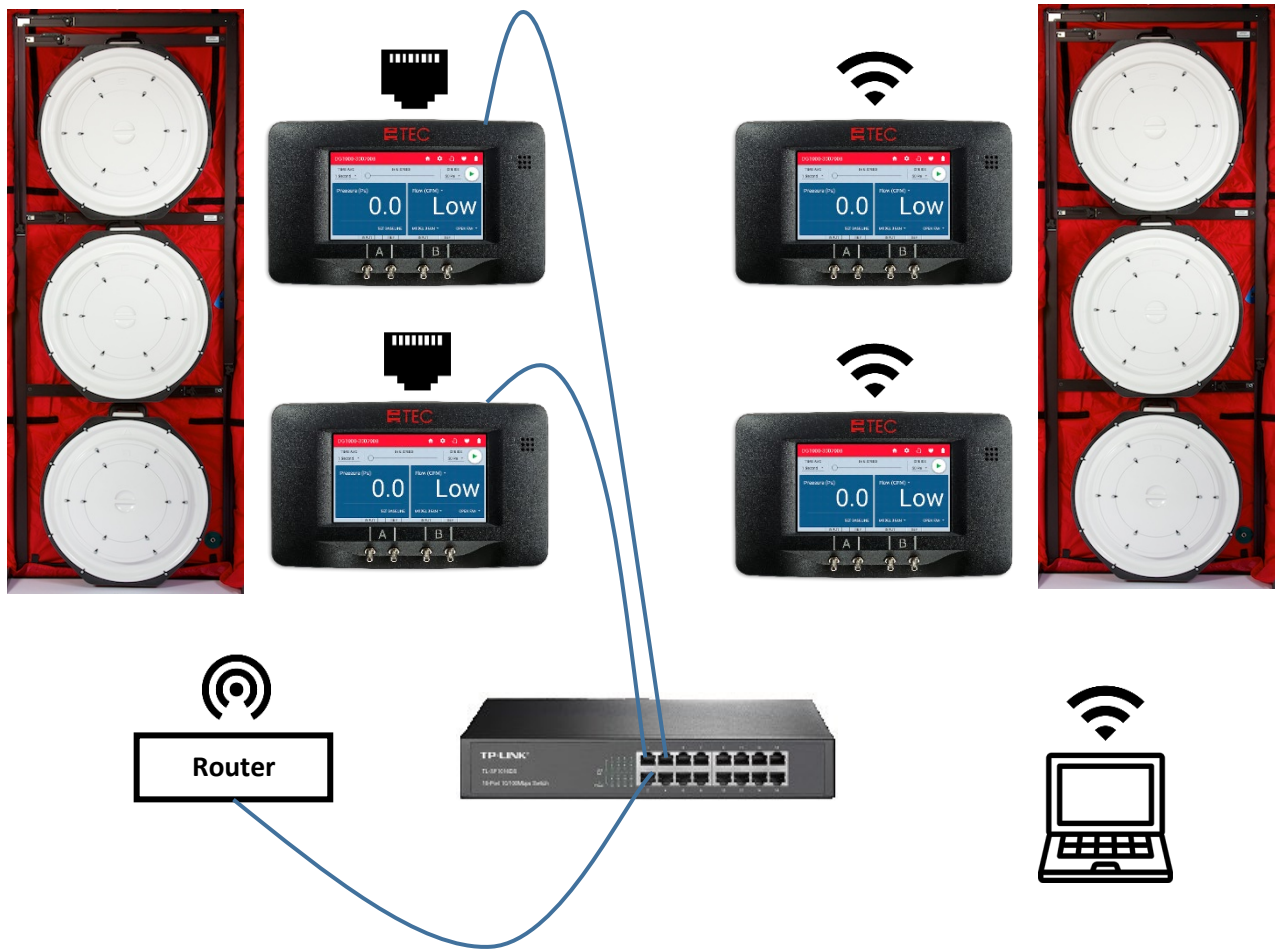


#### Wired Connections


- All 4 DG-1000 gauges with the network configuration set to **Ethernet** .
- The 4 gauges are connected to an Ethernet switch.
- A router and laptop computer are also connected to the Ethernet switch. The router is connected using a LAN port on the router.
- Using the **Ethernet** networking option on the DG-1000 requires that a single device in the network is running DHCP server (this is the reason we have a router connected to the network).
- This setup can be expanded for additional Blower Door systems and DG-1000 gauges.

## TEC Example 6


### Multiple 3 Fan System (4 DG-1000 Gauges – combination of wireless and wired communication)



#### Wired Connections

- Both DG-1000 gauges in one 3 Fan System with the network configuration set to **Ethernet** .
- Both gauges are connected to an Ethernet switch.
- A router is also connected to the Ethernet switch. The router is connected using a LAN port on the router.
- Using the **Ethernet** networking option on the DG-1000 requires that a single device in the network is running DHCP server (this is the reason we have a router connected to the network).

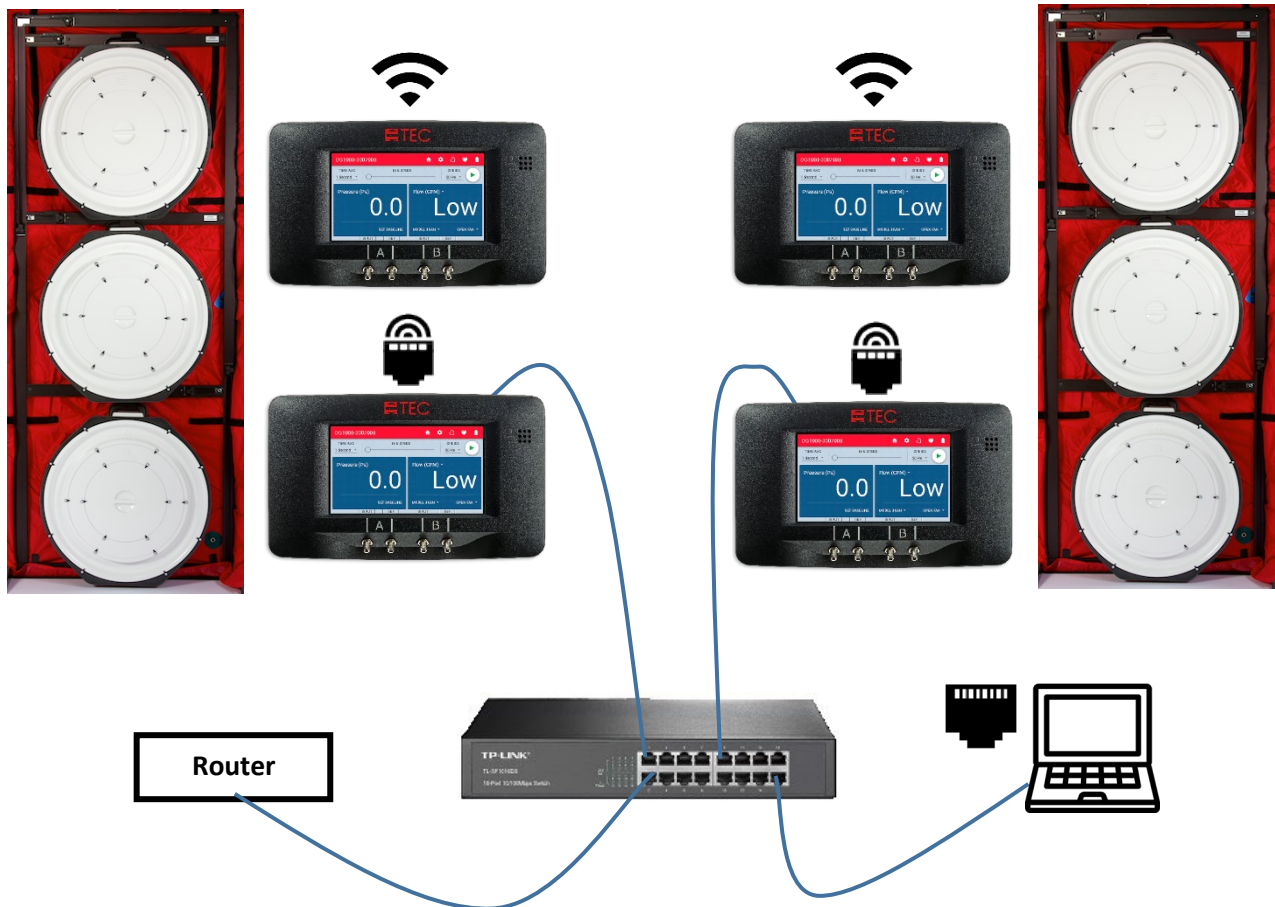
#### Wireless Connections

- Both DG-1000 gauges in one 3 Fan System with the network configuration set to **Join Network** .
- Both gauges are joined to the wireless network being broadcast by the router.
- The laptop computer is also joined to the wireless network being broadcast by the router.
- This setup can be expanded for additional Blower Door systems and DG-1000 gauges.




## TEC Example 7


### Multiple 3 Fan System (4 DG-1000 Gauges – Ethernet Bridge communication)



#### Wired Connections

- 1 DG-1000 gauge in each 3 Fan System with the network configuration set to **Create Network** (with the **Ethernet Bridge** configuration enabled) .
- Both gauges are connected to an Ethernet switch.
- A router and laptop computer are also connected to the Ethernet switch. The router is connected using a LAN port on the router.
- Using the **Ethernet Bridge** configuration option on the DG-1000 requires that a single device in the network is running DHCP server (this is the reason we have a router connected to the network).

#### Wireless Connections

- 1 DG-1000 gauge in each 3 Fan System with the network configuration set to **Join Network** .
- Each gauge is joined to the wireless network being broadcast by the 2<sup>nd</sup> DG-1000 gauge in the 3 Fan System that is set to **Create Network** (with **Ethernet Bridge** configuration enabled).
- This setup can be expanded for additional Blower Door systems and DG-1000 gauges.