

Installation Guide(Radio)





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1 Parts List

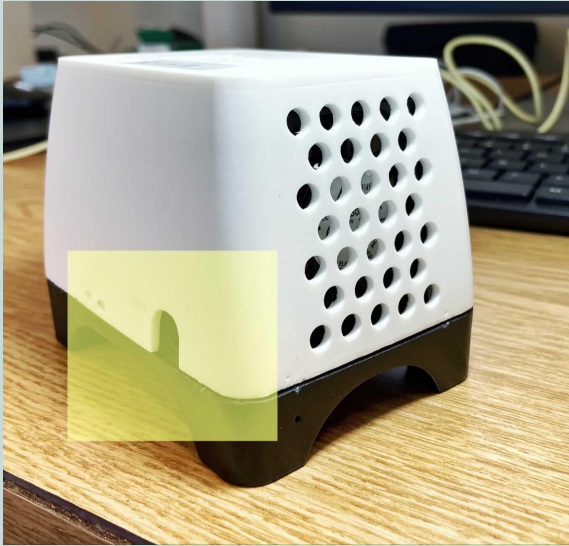
1.1 Sensor and Gateway

Duet End-node	Duet Gateway
	

1.2 Accessories

Items	Description
Duet Gateway Power Cord	Wall plug to USB C
Duet End-nodes Power Cord	Wall plug to 2.5mm barrel jack
Duet to Gateway connection cable	USB Micro to USB A
USB Power cord (Optional)	Wall Plug to USB A
Sampling Tube (Optional)	Sampling tube that can insert to HVAC duct

2 Installing Duet End-node



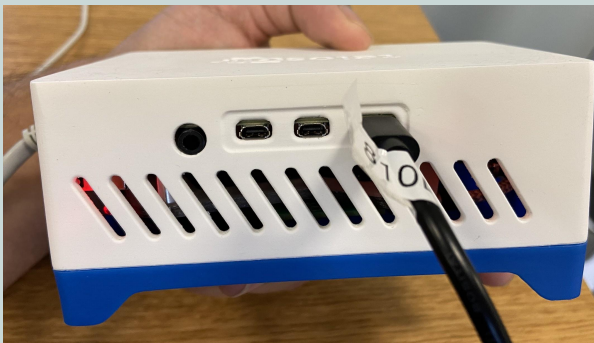
Insert the Duet End-nodes power cord to the barrel jack opening that is located on the sidewall of Duet End-nodes, then plug the power cord on the wall outlet.

After power on the unit, the fan on the Duet End-nodes should start spinning .

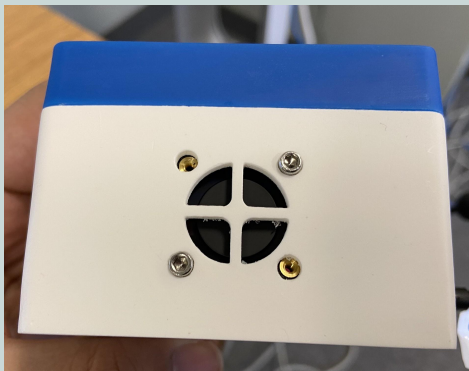
3 Installing Duet Gateway



1, Plug in the Ethernet cable into the ethernet port.

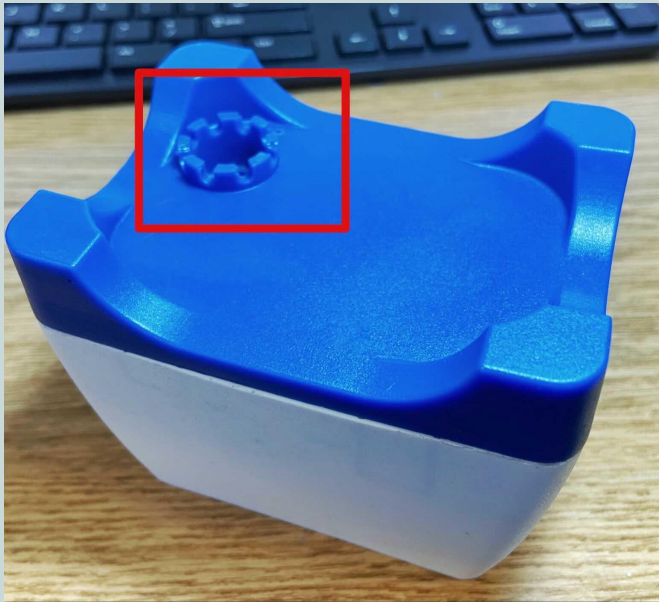


2, Plug the power cord (USB C)to the side of the duet



3, After 10 seconds, the fan should start spinning, and the ethernet port should start blinking green light.

4 Installing sampling tube



Plug the sampling tube in the Duet End-node's sampling hole, sampling hole located at the bottom side of Duet End-nodes.

Note: while plugging the sampling tube in the duct, the tube should face the wind direction .

Note: ONLY FOR HVAC SAMPLING

5 Troubleshooting

It is our expectation that there will be no technical problems with your installation. In the case of some technical difficulties, this guide should serve as an aid in troubleshooting.

Symptom I

Description: Gateway is connected, however no end-node data is collected

Solution: Ensure the gateway unit is powered on, and connected to ethernet. If there are suspicions, unplug the gateway unit from power and ethernet. Reconnect the gateway unit to ethernet, then reconnect the gateway unit to power. There should be a constantly-on red light, and an intermittently blinking green light.

Symptom II

Description: after resetting the gateway, end-node data is still unavailable.

Solution: Ensure that no firewall is blocking the gateway from connecting to the internet. If issues persist after another power toggle, contact TelosAir technical support: kuerbanjiang@telosair.com.

Symptom III

Description: Some end-nodes are collecting data, but some are not.

Solution: Disconnect the problematic sensors from power, wait 5 seconds, then reconnect the sensors to power. If issues persist, contact TelosAir technical support: kuernamjiang@telosair.com.

Please scan the QR code to access our data guide

