Click 600 Cabinet Interface

INSTALLATION QUICK START GUIDE

The Click 600 is a cabinet interface device that provides power, surge protection, and communication to up to four Smart-Sensor Matrix or Advance sensors. For more information about this product, visit wavetronix.com.

1 Place the 600 in the cabinet

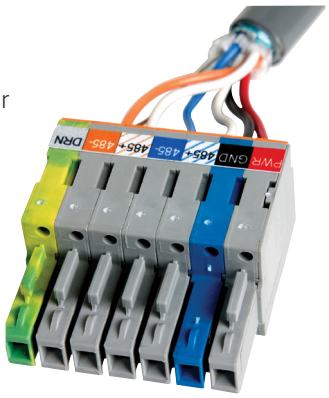
Included with Click 600 is an AC power cord. Connect it from your AC power source to the IEC connector on the back of the device. The Click 600 will take that AC power and convert it to DC, then send that power to any connected sensors (which run on 10–28 VDC).

Note. Next to the IEC connector is a switch that turns power on/off for the whole device. During normal operation, be sure that this switch is turned on.

Then decide how you're going to install the Click 600 in the cabinet. There are two ways you could do this:

- Place the device on a shelf in the cabinet
- Use mounting brackets (must be ordered separately) to mount the device on the side of the cabinet.

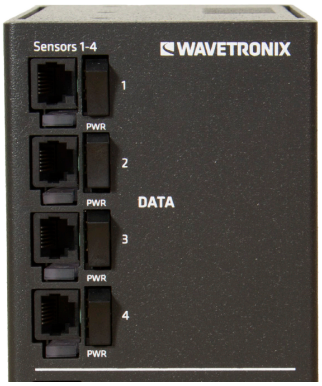
2 Terminate sensor cables



The Click 600 has four plugs for SmartSensors, located on the back of the device. For each sensor you want to connect to the Click 600, do the following:

1. Remove one of the plugs from the back (they are numbered 1–4; you'll need to keep track of which sensor is plugged into which port).
2. Terminate the conductors from the cable into that plug, following the labels on the plug (as shown at left), then reconnect the plug to the Click 600.
3. Power to each sensor is toggled on the front of the device (see next section for more information); make sure the switch is turned on.

3 Connect the data ports to contact closure devices

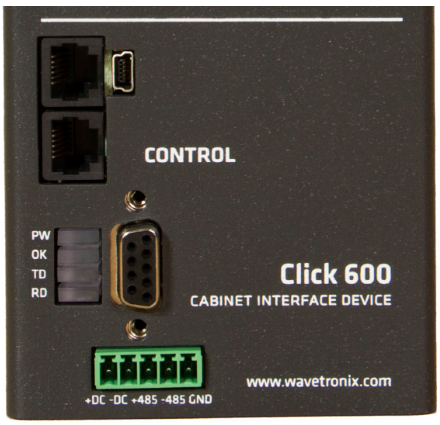


If you look at the faceplate of the device, you'll notice that it's divided into two buses: Data and Control. The data bus is for taking detection data from the sensors and sending them to contact closure devices. Its faceplate interface consists of four RJ-11 jacks.

Use the jumper cables included with your Click 600 to connect from these jacks to your contact closure devices. Information on how to use contact closure devices can be found in the Click 100–400 Series user guide.

The data bus portion of the faceplate also has the following features: next to each RJ-11 jack is a switch that turns power on and off to the associated sensor; under each jack is an LED that illuminates when the associated sensor has power.

4 Use the control but to configure the sensors



The lower portion of the faceplate has the ports that make up the physical interface of the control bus. These ports allow you to configure any sensors connected to the Click 600. You can connect to the Click 600 and thereby to the sensors using any of the following options:

- **RJ-11 jacks –** The Click 600 has two RJ-11 jacks that allow you to connect via RS-485.
- **USB port –** Next to the RJ-11 jacks is a USB mini-B port for connecting via USB.
- **DB-9 connector –** Under the USB port is a DB-9 connector for connecting via RS-232
- **T-bus port –** At the bottom of the faceplate is a T-bus connector. You can use this to make the Click 600 part of a shared power and RS-485 communication bus. This isn't usually necessary because the Click 600 performs all basic necessary functions, but it is an option.

Once you've made a physical connection from any of these control bus ports to your computer, you should be able to open the SmartSensor Manager software on that computer and connect to any sensors that are connected to the Click 600. You can now configure and manage those sensors.