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Connection Requirements for Remote Monitoring

IPS-M920W (Wi-Fi)

The remote monitoring module used with the IPS-M920W is a Wi-Fi device which will access an existing Wi-Fi network to send controller data to the central monitoring website. If an existing Wi-Fi network is not available, a MiFi or “cellular hotspot” can be added (contact a local wireless provider). Note: The Ethernet connector on the M920W is disabled and cannot be used.

IPS-M920 (Hardwire)

The remote monitoring module included with the IPS-M920 requires an Ethernet connection provided by a hard wire directly from a router, a Wi-Fi to Ethernet Adapter, or a Cellular Modem (requires carrier service such as Verizon or AT&T). The connection provided must allow the remote module to access the internet without providing any usernames, passwords, etc. using Port 80 for outbound data only. The best test for this is to connect a Laptop to the Ethernet cable and open the web browser. If the browser can open directly to the web, the connection will function properly for the remote monitor (laptop Wi-Fi should be turned off when doing this test).

How it works: The remote module is programmed to “wake up” at a customer determined interval (minutes) and send all current readings, settings, and alerts to the IPS Controllers remote monitoring website. Because the data is being sent to the website vs. the website pulling the data from the module, the port is not left open and a static IP Address is not needed. This should address any concerns regarding firewall security. When changes are made to the controller settings remotely, the new settings are delivered back to the remote module on its next scheduled connection.

Any questions can be directed to:

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