



Technical Bulletin

PC and Network System Requirements

Scope

This document outlines PC and network requirements for Burk Technology software and hardware.

PC Specifications

Computer specifications required to run Burk Technology software including AutoPilot®, AutoLoad Plus and Burk Firmware Loader are detailed below.

Minimum PC Requirements:

- Windows® 10 Pro 64-bit, Windows 11 Pro, or Windows Server 2019
- Dual Core Processor
- 8GB RAM
- 256GB hard drive
- 10/100 Base-T wired ethernet connection
- Latest .NET Framework
- Latest Visual C++ Redistributable Package

Note: Higher CPU, memory and hard drive specifications may be required for larger AutoPilot installations.

Network Requirements

Burk products and software programs use several network ports and protocols for communication. It is important that these ports remain open across each network and VLAN in the communications path to ensure that all system components can interact correctly. For more detailed information about port forwarding and ARC Plus networks please read the following tech bulletins.

[Tech Bulletin - Port Forwarding](#)

[Tech Bulletin - ARC Plus Networks Explained](#)

Ports and protocols used by Burk systems are detailed in the table below.

System	Protocol / Speed	Port	Description
ARC Plus	TCP 100BASE-T	80	HTTP Communications with the built-in Web Interface
	TCP 100BASE-T	2000 Note 1	Data port. Communications with AutoPilot® and AutoLoad Plus
	UDP 100BASE-T	2000 Note 1	Data port. Site-to-site communications with other ARC Plus units
	UDP 100BASE-T	45000	Communications with Plus-X devices
	UDP 100BASE-T	161	Communication to SNMP agent devices
	UDP 100BASE-T	162	Communications to SNMP managers
Plus-X (all models)	TCP 10BASE-T	80	HTTP (Used primarily for configuration)
	UDP 10BASE-T	45000	Communications with the ARC Plus
PlusConnect™ (all models except GatesAir Z and 3DX)	TCP 10BASE-T	23	Telnet. Used primarily for configuration. <i>Not available on all models.</i>
	UDP 10BASE-T	45000	Communications with the ARC Plus
PlusConnect™ GatesAir Z and 3DX	HyperTerminal / 9600 baud	Serial	Serial port connection to configure unit using HyperTerminal program or equivalent. Also used to communicate with the transmitter.
	TCP 10BASE-T	45000	Communications with the ARC Plus.
ClimateGuard and EM Family	TCP 100BASE-T	80	Built in web interface for configuration, monitoring and control.
	UDP 100BASE-T (EM Only)	45000	Communications with the ARC Plus.
ARC Solo	TCP 100BASE-T	80	Built in web interface for configuration, monitoring and control.
	UDP 100BASE-T	4095	Warp Engine communication to AutoPilot.

Note 1: It is recommended that the ARC Plus data port be changed from the default port of 2000 to port 4095. Port 2000 can conflict with Cisco routers and switches that use the Cisco SCCP protocol.

We are committed to providing you with the best possible service and support for your Burk Technology product. If you should have any concerns or questions, please call us at 978-486-3711.

Thank you,

Burk Technology Technical Support Team
www.burk.com

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