IP & Ping Quick-Reference

Fire alarm workstation basics: find your IP and test connectivity

A) Find Your IP — Windows

1) Open Command Prompt

Press Windows Key + R, type 'cmd', then press Enter.

2) Run ipconfig

In the Command Prompt window, type:

ipconfig

Look for 'IPv4 Address', 'Subnet Mask', and 'Default Gateway'.

B) Find Your IP — macOS

1) Open Apple Menu → System Settings → Network

2) Select your active connection (Wi-Fi/Ethernet) to view its IP address.

C) Basic Ping Test

1) Open Command Prompt (Windows) or Terminal (macOS).

2) Type the following command, replacing the IP address with the one you want to test:

ping 192.168.1.30

Good Connectivity Example

Reply from 192.168.1.30: bytes=32 time=2ms TTL=64
Reply from 192.168.1.30: bytes=32 time=2ms TTL=64

> *Reply from 192.168.1.30: bytes=32 time=3ms TTL=64*
> *Reply from 192.168.1.30: bytes=32 time=2ms TTL=64*
> *Packets: Sent = 4, Received = 4, Lost = 0 (0% loss)*

All replies received → network path is OK.

No Connectivity Example

> *Request timed out.*
> *Request timed out.*
> *Request timed out.*
> *Request timed out.*
> *Packets: Sent = 4, Received = 0, Lost = 4 (100% loss)*

No replies → check power, cables, firewall, or routing.

D) Quick Troubleshooting Checklist

• Confirm both IPs are in the same subnet (or a valid route exists).

• Verify Subnet Mask and Default Gateway on both devices.

• If ping works but app fails: check firewall rules and software port.

• Test physical path: swap cable/port; confirm link lights; try another switch port.

• Document IPs for server/panel and each workstation for future service.