

SensorPulse Companion – Setup

Dashboard & alerts from your own phone – read-only, no remote control

Version 1.92.0 · Windows 10/11 (64-bit)

Coming soon: The **SensorPulse Companion** app (Android/iOS) will appear in the app stores. PC setup (remote access, QR code, firewall helper) is already included in SensorPulse – you can prepare now.

Security: Remote access is off by default. Enable it only on your home network or over VPN. Do **not** expose the API port to the public internet.

Settings

Pick a section on the left — not everything at once.

Dashboard

Data

Background

Keep-alive

Hardware

Appearance

Automation

Management

AUTOMATION

Alerts, rules, localhost API and energy cost.

- Sound on critical alerts
- Switch to Quiet profile on critical alert
- Auto-switch to Quiet profile on high temperature

Localhost sensor API

For Rainmeter, browser widgets or your own scripts — local only by default. Endpoints: /api/sensors, /api/quicklook, /api/alerts, /api/companion, /api/history/{sensorId}?minutes=60

<http://127.0.0.1:8765/api/sensors>

F1 help: localhost API Setup guide: localhost API

API port — 8765 +

Remote access (Companion app)

Allows read-only access from phones/tablets on your home network (or VPN). Requires API token. No remote control.

Companion app pairing

Allow inbound TCP on the API port in Windows Firewall for your private network. Do not expose the port to the internet.

This PC's LAN IP: 192.168.2.9

Firewall rule for the API port is missing — use the button below or create manually [Add firewall rule](#)

Tips if connection fails

- API is not running — enable localhost sensor API and remote access.
- Firewall rule missing — click [Add firewall rule](#) or allow the port manually.
- No phone connection yet — scan the QR code or paste pairing JSON in the Companion app.

Steps on this PC

- ✓ Enable the localhost sensor API (option above).
- ✓ Enable remote access (Companion app).
- Connect the Companion app on your phone (scan QR or use pairing JSON).

Connection status

API is not running — check the options above.

No connection from a phone or tablet yet.

[Test connection on this PC](#)



Close

Settings → Automation: remote access, LAN IP, firewall rule, QR code and pairing JSON.

Overview

1. Run SensorPulse on the PC (Windows 10/11, 64-bit)
2. Enable **Settings** → **Automation** → **Localhost sensor API**
3. Enable **Remote access (Companion app)**
4. Windows Firewall: allow inbound TCP on the API port (default **8765**) for *private* networks – **Add firewall rule** or create manually
5. Companion app: scan QR code (recommended) or paste pairing JSON

On the PC – step by step

1. Enable the API

Open **Settings** → **Automation**, check **Localhost sensor API**, keep port 8765 or choose another (1024–65535).

2. Enable remote access

Check **Remote access (Companion app)**. SensorPulse listens on your LAN IPs (e.g. 192.168.1.42), not only 127.0.0.1. The pairing area shows QR code, pairing JSON, LAN IP and firewall status.

3. Windows Firewall

Use **Add firewall rule** in Settings (administrator confirmation) or create an inbound TCP rule for port 8765 on the **Private** profile only.

4. Pairing JSON

```
{  
  "v": 1,  
  "name": "GAMING-PC",  
  "host": "192.168.1.42",  
  "port": 8765,  
  "token": "...long secret..."  
}
```

Companion app (phone)

1. Open **SensorPulse Companion** (coming soon to app stores)
2. Tab **PCs** → **Add PC**
3. **Scan QR code** (recommended) or paste pairing JSON
4. **Test connection** → **Save**
5. Tabs **Dashboard** / **Alerts** – pull to refresh or wait ~20 s

Scenarios

Same Wi-Fi

`host` must be the PC's IPv4 address (not `127.0.0.1`).

On the go via VPN

Use **Tailscale** or **WireGuard** – set `host` to the PC's VPN IP.

Troubleshooting

Issue	Fix
Connection failed	SensorPulse running? API + remote on? Same Wi-Fi/VPN? Firewall?
401 unauthorized	Wrong token – copy fresh pairing JSON
QR not scanned	Paste JSON manually

What the Companion app cannot do

- No remote control: no profiles, fans, overlay or SQL admin
- No monitoring without SensorPulse running on the PC

See also: Localhost API reference · Press `F1` in the Companion section of Settings in the app.