

BARON OPS BOT

Complete Setup Guide — From Zero to Running

This guide walks you through every step to install and run the Baron Ops Bot on a Windows PC. By the end you will have the bot connected to Interactive Brokers, sending Telegram alerts to your phone, and trading SPY 0DTE options automatically every market day. No programming experience required.

What You Need

Item	Requirement	Notes
Windows PC	Windows 10 or 11	Dedicated machine recommended — leave running all day
Python	Version 3.10 or higher	Download at python.org — check Add to PATH
IBKR Account	Live or Paper with options permissions	Call 1-877-442-2757 to enable options if needed
IB Gateway	Latest version	From ibkr.com — NOT TWS. Gateway is lighter weight.
Internet	Stable broadband	Wired preferred. No VPN during trading hours.
Telegram	App on 2 phones	Bot phone for IBKR 2FA + personal phone for alerts

Step 1 — Install Python

- Go to python.org/downloads and download Python 3.11 or higher.
- Run the installer. On the first screen, CHECK the box that says Add Python to PATH.
- Click Install Now and let it finish.
- Open Command Prompt (search cmd in Start menu) and type: python --version
- You should see something like Python 3.11.x. If so, Python is installed correctly.

Step 2 — Install Required Libraries

Open Command Prompt and run this command exactly:

```
pip install ib_insync pytz pandas requests python-dateutil
```

Wait for it to finish. You should see Successfully installed messages.

Step 3 — Create the Bot Folder

- Create a folder at this exact path: C:\Users\YOUR_USERNAME\Desktop\trading_bot\
- Place the file main_new_full_bot_v2.py inside this folder. This is the only file the bot needs.

Step 4 — Configure Your Credentials

- Open `main_new_full_bot_v2.py` in Notepad or any text editor.
- Find the `BOT_TOKEN`, `CHAT_ID`, and `CHAT_ID_2` lines near the top.
- Open Telegram and search for `@BotFather`. Send `/newbot` to get your `BOT_TOKEN`.
- Search for `@userinfobot` in Telegram and send `/start` to get your `CHAT_ID`.
- Do this on both phones separately. Copy both IDs into the bot file and save.

Step 5 — Set Up IB Gateway

- Download IB Gateway from ibkr.com (not TWS).
- Install and open IB Gateway. Log in with your IBKR credentials.
- Go to Configure → Settings → API → Settings.
- Check Enable ActiveX and Socket Clients.
- Set Socket Port to 4001 for live trading (4002 for paper trading).
- Check Allow connections from localhost only. Uncheck Read-Only API.
- Click OK. Restart Gateway if prompted. Confirm the green status light.

Step 6 — Run the Bot

- Open Command Prompt and navigate to your bot folder.
- Run: `python main_new_full_bot_v2.py`
- Within 30 seconds you should receive a Telegram message on both phones showing your account balance and max trades for the day.

Daily Checklist

Time	Action
8:00 AM	Log in to IB Gateway. Confirm green status light.
8:30 AM	Run the bot in Command Prompt.
8:35 AM	Check Telegram — startup message should arrive.
9:30 AM	Opening range begins forming. No trades yet.
9:45 AM	Signal window opens. Bot actively scanning.
Market hours	Watch Telegram. Do not interfere with the bot.
3:45 PM	Force exit fires. All positions closed automatically.
3:46 PM	EOD Summary arrives on Telegram with P&L and balance.

Switching Between Paper and Live Trading

In the bot file, change one line:

```
IB_PORT = 4002 # paper trading IB_PORT = 4001 # live trading
```

Also open the corresponding mode in IB Gateway (Paper Trading Account or Live Trading Account).

Troubleshooting

Problem	Solution
Could not connect to TWS/Gateway	Open IB Gateway first. Check port matches (4001 live, 4002 paper).
No Telegram message on startup	Check BOT_TOKEN and CHAT_ID values in the file. No quotes missing?
Options permissions error (Error 201)	Call IBKR at 1-877-442-2757 to enable options trading on your account.
No signals firing all day	Normal on slow/choppy days. Bot prints status to console every 15 seconds.
Bot crashed mid-trade	Restart immediately. It will detect any open position and resume managing it.
Today's expiry not in chain	Market holiday or early close. Check market calendar. Bot will alert via Telegram.
Telegram not sending	Confirm your BOT_TOKEN starts with numbers, then colon, then letters.

The bot is designed to run unattended. Once started, do not close the Command Prompt window, do not manually place orders in the same account, and do not interfere with open positions. The bot handles everything. Your only job is to start it each morning and check Telegram.