Tutorial for using Tiva surveillance system

**1. Install Python 3.10.10**

* Go to:

offline\_packages\_python → python → python → python-3.10.10-amd64.exe

* **Right-click** on the installer and select **"Run as administrator"**.
* During installation, **check** the box that says:

Add python.exe to PATH

**2. Fix Python Path in tiva\_surveillance\_api\_service.py**

* Open tiva\_surveillance\_api\_service.py in a code editor.
* Set the correct Python installation path, e.g.:

python = r"C:\Users\User-Name\AppData\Local\Programs\Python\Python310"

Replace User-Name with your actual Windows username.

**3. Install Required Python Libraries**

* **Open Command Prompt as Administrator**.
* Navigate to your project directory:

E:

cd E:\Tiva\_Surveillance\_API

* Run the following command to install all required libraries from the offline package:

pip install --no-index --find-links=offline\_packages\_python -r requirements.txt

**4. Post-Install pywin32 Service Library**

* Run this command to enable Windows service support:

"C:\Users\User-Name\AppData\Local\Programs\Python\Python310\python.exe" "C:\Users\User-Name\AppData\Local\Programs\Python\Python310\Scripts\pywin32\_postinstall.py" -install

**5. Install the Tiva Surveillance Service**

In the same command prompt window:

python tiva\_surveillance\_api\_service.py install

**Note:** On some systems, you may be able to run it without the python prefix if .py files are associated with Python:

tiva\_surveillance\_api\_service.py install

However, if you encounter errors, always try the full command with python:

python tiva\_surveillance\_api\_service.py install

You should see:

Installing service TivaSurveillance

Service installed

**6. Start the Service**

python tiva\_surveillance\_api\_service.py start

You should see:

Starting service TivaSurveillance

**Other Service Commands**

* **Stop the service**:

python tiva\_surveillance\_api\_service.py stop

* **Remove the service**:

python tiva\_surveillance\_api\_service.py remove

* **Debug the service**:

python tiva\_surveillance\_api\_service.py debug

**Example Final Command Flow:**

C:\Windows\system32>E:

E:\>cd E:\University\Semesters\Work\Tiva\_Surveillance\_API

E:\University\Semesters\Work\Tiva\_Surveillance\_API>python tiva\_surveillance\_api\_service.py install

E:\University\Semesters\Work\Tiva\_Surveillance\_API>python tiva\_surveillance\_api\_service.py start

If you want to work with Task Scheduler you can use below configuration:

Task Scheduler:









