

Camera Solutions Home

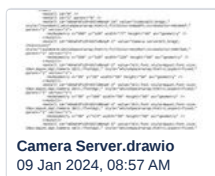
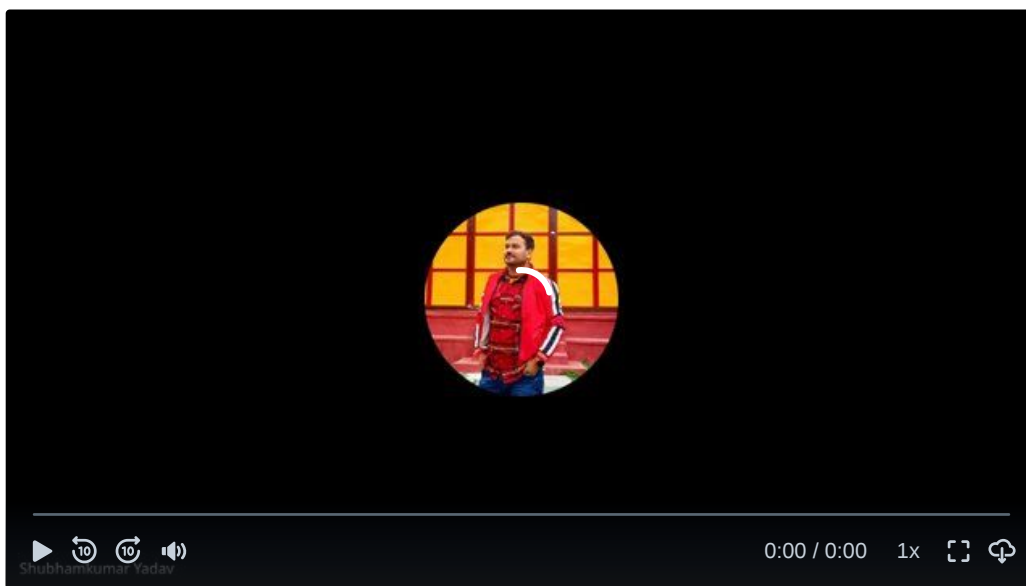
Welcome to your new space!

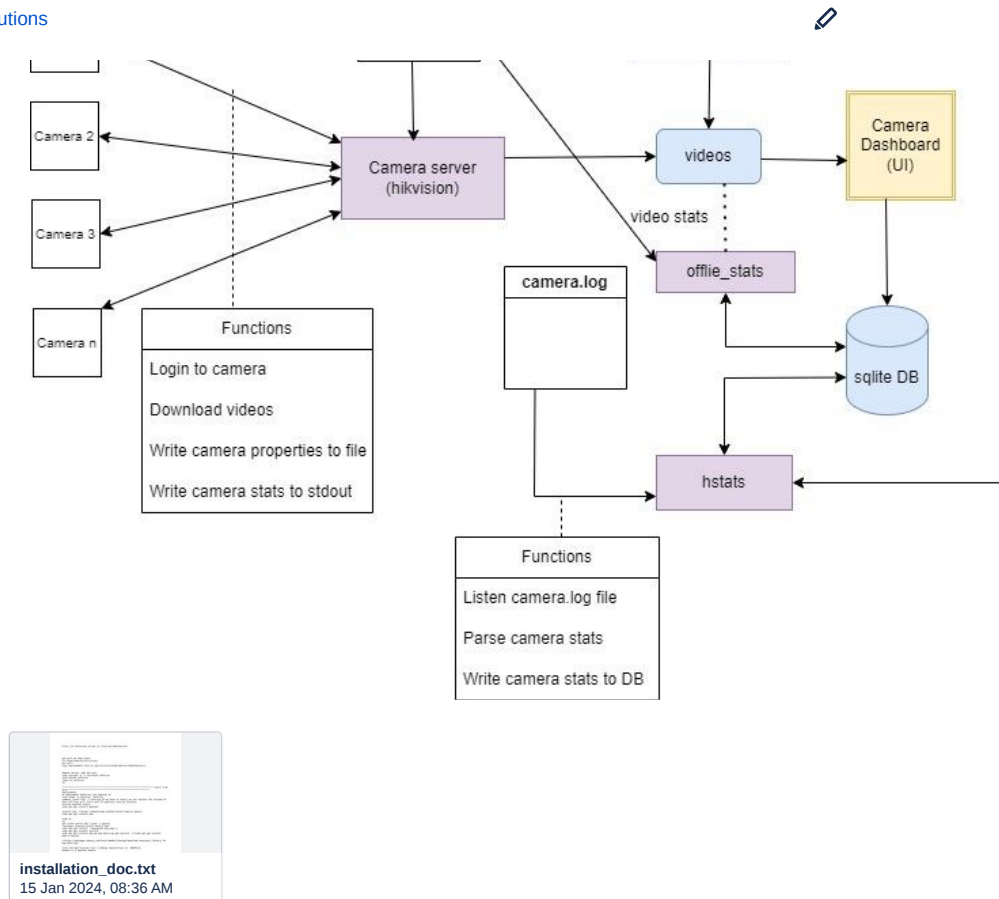
Spaces help your team structure, organize, and share work, so every team member has visibility into institutional knowledge and access to the information they need to do their best work.

Get started with the basics

Camera Solution with SD Card and recording capabilities.

Clone the repository  <https://github.com/iincube/Utilities/tree/master/CameraServer/HikVision>  Connect your Github account





Deployment

Dashboard login:password => admin:mtap@123

- Install `apache2`, `php7.2`, `sqlite3`, `libapache2-mod-php7.2`, `php7.2-gd`, `php7.2-mbstring`, `php7.2-sqlite3`
 - `sudo apt-get install libapache2-mod-php7.2`
 - `sudo apt-get install sqlite3`
 - `sudo apt-get install php7.2-gd php7.2-mbstring php7.2-sqlite3`
 - install php: <https://phoenixnap.com/kb/install-php-on-ubuntu> `sudo apt-get install php7.2`
- Enable apache in system startup files | `update-rc.d apache2 enable`
- Create **safetrax** user
- Set password for **safetrax** user
- Login as **safetrax**
- Copy/clone [deployment.tgz](#) in safetrax home (`/home/safetrax`)
- Extract `deployment.tgz`
- Create **Safetrax** directory in `/home/safetrax` -> `/home/safetrax/Safetrax`
- Move `deployment/*` to `/home/safetrax/Safetrax`
- Change ownership to `safetrax.safetrax` recursively for `/home/safetrax/Safetrax` directory
- `1 sudo chown -R safetrax. /home/safetrax/Safetrax`
- Backend preparation (change to `/home/safetrax/Safetrax`)



- Ex:- 192.168.1.19,cab025
 - **./prepare_cameras** # this will create camera entries in sqlite db (*db/camera_videos.db*) in table *camera_videos* using *cameras.txt*
- [vim /etc/apt/sources.list (adding repositories in UBUNTU)]
 - <https://packages.ubuntu.com/focal/amd64/libonig5/download> necessary library for php7.2-mbstring
- Front-end preparation
 - Extract *gpsvideogallery.tgz*
 - `tar -xvzf gpsvideogallery.tgz`
 - Change ownership *gpsvideogallery* to safetrax.safetrax recursively
 - `sudo chown -R safetrax. gpsvideogallery/videos`
 - Move *gpsvideogallery* to */var/www/html*
 - `mv gpsvideogallery /var/www/html`
 - Create symbolic link (this is important to get the videos in UI)
 - `ln -s /var/www/html/gpsvideogallery/videos /home/safetrax/Safetrax/videos`
 - Add DocumentRoot in apache config and restart apache
`sudo vim /etc/apache2/sites-enabled/000-default.conf`
 - ```

1 DocumentRoot /var/www/html/gpsvideogallery
2 <Directory /var/www/html/gpsvideogallery>
3 Options Indexes FollowSymLinks
4 AllowOverride None
5 Order allow,deny
6 Allow from all
7 DirectoryIndex index.php
8 </Directory>

```
- Cron entries
  - Add safetrax user [cron](#)
  - Add root [cron](#) (this is important to get data in UI, copying the sqlite db every min as apache cannot read safetrax home directory)
- Log rotate
  - Add log rotate [safetrax](#) to logrotate config directory
    - `sudo mv safetrax /etc/logrotate.d/` (it's for logrotate)
- Finally run **./finish** to remove the files no longer needed
- service apache2 restart
- Important note:
  - If the camera ip's starts from other than 192., then change the below line in hstats script
    - `summary_line="^192"` to `summary_line="^???"`
  - If /home/safetrax/Safetrax path is changed, then change the paths in the following scripts and in the cron entries mentioned above
    - hstats
    - offline\_stats
    - remove\_old\_videos
    - startup/cameraserver
    - startup/camerastats
- **./finish**

