

# Webcampak Cloud

High performance timelapse solutions for IP Cameras



- > Construction monitoring
- > Live view & remote access
- > Fully automated
- > Easy to use interface

Webcampak Cloud is a 24/7 automated picture monitoring solution compatible with a wide range of IP cameras and CCTV systems. Webcampak Cloud will capture pictures during weeks or months and automatically manipulate them according to your exact requirements.

Webcampak Cloud can cover a wide range of situations and budgets. During our initial discussions we will identify the best solution for your project.

Capture frequency can be chosen between 1 minute and 60 minutes. It can be limited to specific days and time (for example Monday-Friday 6:00am-8:00pm)

Webcampak Cloud can create, every night, a timelapse video of the day. Those videos will let you monitor easily progress of your project.

Webcampak Cloud interface let you browse within pictures and videos on your computer or tablet. Its user management module allow creation of additional users to give access to dedicated portions of Webcampak interface to your customers or suppliers.

Webcampak Cloud datacenter are located in Europe (France) and North America (Canada) to accomodate international projects.

Webcampak Cloud is provided with 100 GB of storage. This capacity can be seamlessly increased during the lifespan of the project.



# Technical specifications

## Hosting infrastructure

**Two datacenter:**  
..... North America: Montreal (Canada)  
..... Europe: Lille (France)  
**Internet bandwidth:** ..... 100 Mbps  
**Redundancy** ..... RAID-1  
**Storage** ..... from 100GB to 6TB

## IP Camera compatibility

Webcampak is compatible with most IP cameras and CCTV systems available on the market.

**Capture protocols:** .....  
..... HTTP / HTTPS (direct link to a jpg image)  
..... RTSP (capture from a video stream)  
..... FTP (pictures sent via FTP by the camera)  
In situations where direct access to the camera is not possible, we can provide you with a timelapse controller (Webcampak Cube) to be installed next to your IP cameras.

## Pictures storage

The following storage options are available:  
..... Webcampak Cloud \*  
..... Primary FTP backup  
..... Secondary FTP backup  
FTP backup (primary or secondary) can be performed on a local or remote (Internet) network.  
*\*It is strongly suggested to use at least one backup destination (FTP).*

## Network protocols

**Webcampak interface:** ..... HTTP / HTTPS  
**Pictures / videos upload:** ..... FTP  
**Pictures / videos download:** ..... FTP/HTTP/HTTPS  
**IP Cameras:** ..... RTSP  
**Email alerts:** ..... SMTP (SSL)  
**Remote maintenance (Webcampak support):** ..... VPN, SSH

## Formats

**Picture**  
Format ..... JPEG  
Definition ..... depending of the camera  
**Video**  
Format ..... H.264, MP4  
Definition (default) ..... 1080p, 720p, 480p  
Definition (custom) ..... to be chosen  
Framerate ..... from 1 to 30 fps

## Automated picture manipulations

**Crop** ..... yes  
**Insert legend and date** ..... yes  
**Insert watermark** ..... yes  
**Privacy shading** ..... yes  
**Resize** ..... yes  
**Create thumbnails** ..... yes

## Video creation

**Two modes (can be used simultaneously):**  
..... Automatic video, started automatically every 24h00  
..... Custom interval, started manually  
**Add audio track** ..... MP3  
**Multiple formats** ..... yes (4 max)  
**In-browser preview** ..... yes

## Batch manipulations

**Crop** ..... yes  
**Insert legend and date** ..... yes  
**Insert watermark** ..... yes  
**Privacy shading** ..... yes  
**Resize** ..... yes  
**Embedded thumbnail** ..... yes  
**Progressive zoom effect** ..... yes  
**Pan effect** ..... yes  
*Batch manipulations are only available with Webcampak Cloud Max.*

## Interface

**Desktop interface**  
**Configure Webcampak** ..... yes  
**Display pictures** ..... yes  
**Display videos** ..... yes  
**Recommended browser** ..... Google Chrome 10+  
**Mobile interface**  
**Display pictures** ..... yes  
**Display videos** ..... soon  
**Recommended device**  
..... Apple iOS 4+ devices (iPhone, iPad)  
..... Android 2.3+

## Emails

Webcampak can be configured to send email automatically depending of some pre-configured events:  
..... capture error (offline source)  
..... capture success (source back online)  
..... daily capture statistics  
..... video creation completed  
..... batch processing completed

## Webcampak Cloud Mini

Cloud Mini is a picture processing solution, it will capture pictures from an IP camera, process them (crop, resize, watermark ...) and send them to an external storage or website. Internal storage is limited to 24 hours.  
This product is ideal for resorts or touristic locations looking for an inexpensive solution to display a live view on their website.  
**Storage** ..... 24 hours  
**Price** ..... from 19.9 \$ per month

## Webcampak Cloud Base

Cloud Base is a complete timelapse solution, it will capture pictures from an IP camera, process them (crop, resize, watermark ...) and archive them. Webcampak Cloud interface will let your browse easily within all pictures captured during the project.  
Timelapse videos can be generated automatically or on-demand by the system.  
**Storage** ..... 100 GB  
**User accounts** ..... 1  
**Price** ..... from 64.9 \$ per month  
**Options:**  
..... additional storage  
..... additional user accounts

## Webcampak Cloud Max

With Webcampak Cloud Max you get all Webcampak features on your own dedicated server. You can easily add new cameras, new users and manage their permissions with precision.  
**Storage** ..... starting from 1TB  
**User accounts** ..... unlimited  
**Number of cameras** ..... unlimited  
**Price** ..... from 617.5 \$ per month  
**Options:**  
..... complete rebranding  
..... high availability

## Webcampak Cloud - The cube

The cube is a tiny Webcampak controller you can connect to your IP camera / CCTV network. It will capture pictures from your infrastructure and send those to a remote Webcampak Cloud server.  
**CPU** ..... ARM  
**Memory** ..... 1 GB  
**Storage** ..... 4 GB  
**Network** ..... 1x 1000 Base-T Ethernet  
**Power consumption** ..... 3 W