

# LIVECAM SERVICE CONDITIONS



**Livecam generation 2**



**Livecam generation 3**



**Livecam Generation 4 + 5 + 6**



**Livecam One / One S**

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## 1. Definition Roundshot Livecam

Seitz Phototechnik AG (hereafter named “Seitz”) is the manufacturer of the Roundshot Livecam, a webcam for the internet. The Seitz service includes the delivery and service launch of Livecam hardware and software, the configuration and operation of a capture computer as well as the web service for image transfer, web hosting as well as image presentation and diffusion across a variety of media.

## 2. Definition Livecam Hardware

The Livecam hardware consists of the following components:

- Roundshot Livecam single-frame camera
- an optional video camera (integrated in still photo camera)
- weatherproof Livecam housing with heating
- industrial mains adapter 220V/24V
- optional accessories for solar operation (Livecam gen 5) with solar panel, battery, charge controller + waterproof box
- Ethernet cable (with waterproof plugs for camera) for data communication camera to computer – max. 30m
- Optional 4G router for internet connection via mobile network
- power cable (with waterproof plugs for camera) – max. 30m (gen 2/3) or 15m (gen 4, 5, 6 + One)
- capture computer (tethered or integrated in camera) for camera control, image capture, storage, and image upload via internet to the Seitz web server

## 3. Definition Livecam capture software

The Livecam software elements required for image creation are:

- Roundshot Livecam capture software (Livecam Generation 2 + 3)
- Roundshot Livecam camera control + stitching software (Livecam Generation 4, 5, 6 + One)

## 4. Definition Web Service software

The components used for data transfer, data hosting, image presentation in various media, image management, image distribution, and remote maintenance via the Internet include:

- Roundshot image uploader (for image transfer to the web server via internet)
- Roundshot server for hosting of image data
- Roundshot software tools to present the images in various media
- Roundshot CMS
- Roundshot support system
- Roundshot remote access software for remote configuration + maintenance of camera + computer

## 5. Installation

### 5.1 Definition Livecam service launch

Our service launch includes the preparation of a capture computer (installation of operating system and its configuration, installation of all programs required for image capture and image transfer), start of capture computer, configuration of camera (lens, focal length, focussing, aperture, tilt) as well as the set-up of capture software parameters according to customer preferences and image transfer via internet to our web server (uploader). This service launch can be done either on site or through remote connection (web). The service launch does not include any mast installation work nor cable or internet installations.

Possible configuration parameters of the camera are:

- Choice of focal length
- Image angle horizontally (up to 360°) and vertically
- Ideal exposure (automatic exposure control)
- Aperture control
- Choice of ISO/ASA
- Digital zoom
- Resolution of the image
- Blurring of sensitive areas in the image (please also see chapter 5 – risks)
- Rhythm of image taking (scheduler)
- Image processing (saturation, compression, contrast etc.)
- Further options

### 5.2 Mast installations

Seitz Technicians have no training and no certification for mast installations. These tasks need to be executed by specialists and need to be commissioned by the customer.

### 5.3 Definition image capture + Web Service

The objectives of the image capture + Web Service are:

- To create images with best-possible image quality (Roundshot image capture software)
- To configure the camera for optimum deployment and maintain the camera by remote access (Roundshot remote access software)
- To transfer the images by a secured protocol (https) from the camera to the web server (Roundshot image uploader)
- To process the images through state-of-the-art algorithms, to visualise them and make them available through an IT platform, through data hosting on the one hand and through visualisation + distribution of these images in different media on the other

All available features of the web service are listed in detail as follows. Subscribed features are included in a web service plan and its costs are paid through a yearly web service fee.

### 5.4 Image creation

The license of the Livecam image capture software or Roundshot Livecam control + stitching software is included in the web service. The Seitz team configures these software tools in consultation with the customer for best results.

### 5.5 Remote access by Seitz technician

The Seitz team connects via VPN remote access (Teamviewer or dedicated Roundshot VPN solution) to the Livecam computer to change camera settings or to maintain the software tools.

### 5.6 Image upload, image processing and web hosting

An image upload tool transfers images to the Seitz web server. The web server receives and processes the images and then creates a data back-up.

To ensure the quality and consistency of our service, images are transferred directly on the Seitz web server. The images are visualised with the web interface made available by Seitz. Installing this web software on third party web servers or making the code available to customers or external partners is strictly excluded. It is possible, however, to access the images on the Seitz web servers and display them in a third-party interface for preview purposes or animations. Seitz does not take responsibility for third party software or web servers.

### 5.7 Copyright of images

The copyright of the images remains with the owner of the Livecam. Seitz has – in addition – the right to publish images or parts thereof on its own website or via other media (iphone/ipad, printed advertisement, trade shows, etc.) for publicity purposes or for the promotion of the Livecam network or product (Livecam reference website, roundshot social media channels such as facebook, instagram or twitter) or for distributing the images in additional channels for the customers (via sharing partners for example weather channels). Seitz retains the right to process image + weather data on its servers for its own research with its partners. Seitz will not seek explicit consent by Livecam customers for any processing. If a Livecam customer does not agree with such activity, Seitz needs to be informed by the customer in writing.

## 6. Image visualisation + image distribution

### 6.1 Web applications

For Livecam customers Seitz provides a bundle of web tools which can be used through a web service subscription:

- Desktop browser application + mobile browser website (6.2)
- Mobile browser website (responsive design) (6.2)
- CMS (backend) (6.4)
- Mobile apps (6.7)
- Screensaver programs (6.8)

Seitz gives the customer the right to use the web applications but remains the owner of the applications and the source code. The decision about the functional scope and the design of all web tools lies entirely with Seitz. The customer has no right to a specific functional scope or design of these applications, unless this has been explicitly agreed in writing. The copyright of the software technology is defined with the following text: "© web technology by Seitz Phototechnik AG - all rights reserved".

### 6.2 Desktop browser application + mobile browser website

An interactive web interface under the roundshot domain name is made available by Seitz to visualise the images. This web interface contains the customer logo with website link on the top left together with the title of the camera. The available functionalities of this website can be viewed by visiting a Livecam reference website anytime.

The web interface is programmed in html5. For computers, mobile devices or tablet computers with reduced screen resolution, the website loads in an optimised version (responsive web design). The detection of screen resolution is automatic.

The start-up logo is differentiated depending on the level of service plan (“economy”: roundshot / “full”: customer-branded).

The logo of Seitz, of roundshot or of its distribution partners are displayed when loading the Livecam image in the background and during image display in the lower right corner. Seitz retains the right to publish the images in its own roundshot-branded media, distribute the images through its own channels and through the channels of its sharing partners according to clause 5.7 “copyright of images”.

### 6.3 Weather data

Within the web interface Seitz provides a weather forecast for the actual day as well as a multi-day forecast. The forecast includes a general weather situation (symbol), the minimum as well as maximum temperature (in ° C or ° F), precipitation (in mm or in inches), the probability of precipitation (in %) as well as wind speed (in km/h or m/h) and wind direction. This data is updated once per day at 4 am (CET).

Seitz activates the weather data automatically for all Livecams for which this feature is subscribed. Customers who would not like to have the weather data displayed in their Livecam website are kindly asked to deactivate this feature in the web admin tool (CMS) and to inform Seitz in writing that they renounce from using the weather service.

Seitz works together with a meteorology data provider which delivers the weather forecasts and which is responsible for the consistency of data. The provider ensures careful preparation of data following modern scientific methods. Nevertheless, the data provider cannot assume any liability for the accuracy of weather forecasts contained in the data. Equally, the data provider cannot accept any liability for claims which are based on the fact that the weather forecasts do not fully or partially comply. The data is delivered under exclusion of any guarantee. Claims for damages are excluded.

### 6.4 CMS (backend)

The set-up and management of the web interface is done independently by the customer through an admin web tool. To this end, Seitz makes a password protected user account available.

The web admin tool (CMS) allows customising the Livecam web interface, to manage the image database as well as to share images with different partners on various platforms. It is possible to deactivate certain features of the desktop browser application or mobile browser website. Additionally, the CMS allows the user to stop the publication and distribution of new images that are transferred on the server (“panic button”) to avoid the visualisation of images in emergency situations. For Livecam locations with strict security regulations, it is possible to delay the image publication (in minutes) after the image transfer to the server.

Seitz makes various codes available for embedding the Livecam website in other websites. These codes include animated thumbnails in html/java, iframes, overview maps as well as direct links to images. These embedding codes are only available in the web admin tool (CMS) and are not publicly displayed. The customer may share these codes at his own discretion, for example for the publication of the Livecam contents in third-party webcam portals. Seitz takes no responsibility for links of third-party websites.

The codes for animated thumbnails as well as the direct links contain a 32-digit, randomly generated code (“hash-key”) which should prevent that these embedding codes can be easily guessed from codes of other

customers. Iframes contain the URL of the Livecam website and are not protected. The customer acknowledges the fact that website source code cannot be protected and that Livecam embedding codes are visible in public.

### 6.5 Distribution of images («sharing partners»)

Seitz retains the right to share customer images for those Livecam installations not protected by a password with third party providers (for example webcam portals, tv channels, etc.) if these third parties promote the Livecam. These sharing partners have the choice between three possible promotion standards: written or oral (for television) of location, location + customer name, location + customer name + http backlink.

Customers have direct control over the automated sharing of images with third parties through the admin web tool (CMS – “share”). Customers can allow or prevent the sharing of images according to the following promotion standards:

- “yes” through mentioning of «location»
- “yes” through mentioning of «location + customer name»
- “yes” through mentioning of «location + customer name + backlink»
- “no” (no sharing)

As a preset for all customers (all customer categories) the promotion standard “location” applies. Due to a potential competitive conflict with sharing partners, the preset for weather stations is “no”. These promotion standards can always be modified by the customer.

Seitz gives its sharing partners access to a software tool ([api.roundshot.com](http://api.roundshot.com)) which generates a flow of Livecam images for automatic download. Through this software tool only those Livecam images are accessible for which there is a match between offered (sharing partner) and accepted (customer) promotion standard. If the offered promotion standard creates a more significant promotion effect than the accepted standard, these Livecam images are also available for download by the sharing partner.

For image sharing in tv channels, the sharing partner does not give any guarantee whether the Livecam images will be broadcast and at what frequency.

Seitz provides the partner sharing api and delivers all associated work to the qualifying partners free of charge. Seitz is not compensated for the provision of this service by the sharing partners and does not sell any image data.

Seitz signs a contract with sharing partners and checks from time to time if the rules are respected. The sharing partners with established contract are listed on the Seitz website ([www.roundshot.com](http://www.roundshot.com)). If a sharing partner does not respect the rules, Seitz terminates the contract and stops the distribution of images by blocking the server IP of the sharing partner.

### 6.6 Multiple instances of the Livecam website

For one camera several web sites (instances) can be set up. This makes it possible to promote one camera in several ways. Several sponsors of the camera can operate their own website instance using their own logos and texts.

### 6.7 Mobile apps

Seitz makes two apps available for smart phones and tablets for IOS + Android:

- Roundshot Livecam app – with customer-specific activation code – with customer logo
- Roundshot Livecam Global app – without code – with roundshot logo

These apps are available as downloads to all users free of charge in the app store and in google play. The default activation key for the customer-specific app corresponds to the first part of the Livecam URL. Users without activation code can also enter the following generic code which will activate all cameras: “global”.

Livecam images can be accessed in the Roundshot Livecam Global app via several filters (map, country filter, category filter, around me, favourites).

Seitz prepares the apps after installation of the Livecam. New Livecams are also added to the apps by Seitz. This automatic activation of apps does not apply for those Livecams which are password protected or for those customers who have not subscribed to this feature. To promote the apps, the Livecam website contains a link to the app with the activation code.

## 6.8 Screensaver programs

Seitz makes two screensaver programs available for Windows and Mac computers for 64-bit operating systems:

- Roundshot Livecam screensaver – with customer-specific activation code
- Roundshot Livecam Global screensaver – without code

The screensaver programs are available as downloads from the roundshot website free of charge. The default activation key for the customer-specific screensaver corresponds to the first part of the Livecam URL. Users without activation code can also enter the following generic code which will activate all cameras: “global”.

When a computer is idle, the Livecam screen saver shows the last image or a series of “best shot” images as a rotating panorama in full screen. The logo of roundshot or of the roundshot installation partner together with the title of the Livecam is displayed in between images. On the top left corner, the customer logo is shown.

Seitz prepares the screensaver for every customer after service launch of the Livecam. New Livecams are also added to the screensaver by Seitz. To promote the screensaver, the Livecam website contains a link to the screensaver program with the activation code. Customers not wishing to have a Roundshot Livecam screensaver or not wishing to be included in the Roundshot Livecam Global screensaver are kindly requested to inform Seitz in writing.

The screensaver program can also be used to display the Livecam images in full screen on one or several large screens or through a network of screens. To this end, the customer provides a computer with internet access. The customer logo is displayed on the top left corner. Optionally, on the lower left corner the date and time and on the lower right a running ticker text are shown. The ticker text can be set up and managed in the admin web tool (CMS).

## 6.9 Timelapse tool

The CMS contains a timelapse tool to generate timelapse videos applying a YouTube format which can be downloaded on computer or directly shared to YouTube, facebook and other social media channels by a direct link. As the general quota for these direct uploads into social media channels are limited, Seitz provides no guarantee to the Livecam customer that these direct uploads are always available. If the general quota for the Roundshot server is reached, the customer can download the timelapse video on computer and upload them manually. By uploading these timelapse video on social media or other distribution channels, the customer takes sole responsibility for this content.

### 6.10 Broadcast of Livecam images on television channels

Seitz supports the customer and its partners to diffuse Livecam images in television channels. To this end, the customer provides a computer with internet access. Possible technologies are: HDMI-to-IP or HDMI-to-SDI Transcoder or other hardware or software solutions. Seitz provides a special tv interface (web site) or a screensaver program for image animation.

### 6.11 Password-protected Livecam websites

The Livecam website and/or the image download can be protected with a user name and a password. If the customer chooses to activate password protection, he is kindly requested to inform Seitz in writing. Please note that password protection does not guarantee a completely secured access. Images can still be accessed via embedding codes and image direct links even if the specific embedding codes for a Livecam are not openly published. Seitz does not assume any responsibility for unauthorised website or image access. For Livecam installations requiring higher security levels, a dedicated server system and access protection needs to be implemented (for example proxy or auth proxy) which is out of the scope of the standard Livecam Service Conditions.

### 6.12 Maximum web disk space and automatic deletion of image data

For images in original resolution (largest resolution), every camera data base has a specified limit of disk space reserved on the web server. This limit is specified by web service type (“full” or “economy”). On request and for special requirements (for example to document construction sites) this disk space can be expanded. Once the available disk space of a Livecam reaches 100% of the specified limit, the system automatically deletes all images of the oldest day.

In addition to this disk space limit for images in original resolution, a second long-term archive with images in reduced resolution (format “half”, 1024 pixels vertical resolution) is generated with a second disk space limit. Once the available disk space of a Livecam reaches 100% of the specified limit, the system automatically deletes all images of the oldest day.

All images are backed up in original resolution in cold storage (offline media) for a period of 365 days. Images older than 365 days will be automatically deleted. For Livecam projects with longer storage requirements (multi-year projects) all images are backed up in cold storage. These images are not visible online and are exclusively used for disaster recovery.

The customer can save or keep the images through the following measures:

- Copy of the original images from capture computer
- Automatic copy of the original images from capture computer to an external hard disk
- Automatic forwarding of images from Seitz webserver by FTP, SFTP or WebDAV
- Periodic mass download of images from data base through web admin tool (CMS) dispatch via download link
- Order to Seitz to increase the storage limit

### 6.13 Video

For Livecams with an integrated video camera video sequences are uploaded to the web server, processed, and saved in a separate video data base. These videos are visualised in the html5 web interface and are deleted from the web server after a maximum duration of 72 hours. Such video sequences can only be created for the purpose of promotion (tourism, weather observation, marketing) or site documentation purposes (e.g. construction sites) and not for video surveillance. For video capture increased data protection regulations apply. In particular, no persons or objects of persons may be recognised. For

additional information please check section 5: “Special Risks when operating a webcam”.6.14 Types of Web Service

Three types of web service are available:

- Web service “full”
- Web service “economy”
- Web service “video”
- Web service “butler”

The web service “butler” consists of an online data cloud to track camera performance in particular when operating the Livecam with solar panels (power supply, power consumption, battery status, network speed camera and butler, status of lighting surge protectors, temperature etc.). These parameters are registered using a data logger installed next to the camera and are transferred to the cloud. In addition, the web service “butler” allows resetting/restarting the camera via a separate 4G mobile connection.

The differences between web service “full”, “economy” + video” are explained in the following table:

## Web Service Options - Overview

	Web Service full	Web Service economy*	Web Service video**
<b>Image creation</b>			
Roundshot camera control software	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Roundshot camera calibration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Roundshot capture/stitching software for panoramas up to 360° ***	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Image transfer, processing + storage</b>			
Roundshot uploader software (https)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Image processing for variety of formats	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Webhosting; image data storage limit (original resolution)	100 GB	1 GB	72 hours
Webhosting; image data storage limit (reduced resolution - "half" format)	50 GB	1 GB	n/a
<b>Access to Roundshot CMS</b>			
Personalise fonts, logos, colours, transparencies	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Database for images + videos with mass download option	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
google analytics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Frontend tools</b>			
start-up logo (html5, html4)	customer	roundshot	
customer logo top-left	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
roundshot logo bottom right	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
activate/deactivate frontend tools (html5)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
sponsor logos bottom-left + top-right	<input checked="" type="checkbox"/>		
below sponsors	<input checked="" type="checkbox"/>		
hot spots	<input checked="" type="checkbox"/>		
ticker text	<input checked="" type="checkbox"/>		
weather data (current + 3 day forecast)	<input checked="" type="checkbox"/>		
password protection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
several partner websites (instances)	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
<b>Image display</b>			
desktop website	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
mobile website (responsive design)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
tv layout (without navigation, logos only)	<input checked="" type="checkbox"/>		
customer-branded smartphone + tablet app	<input checked="" type="checkbox"/>		
customer-branded screensaver program	<input checked="" type="checkbox"/>		
roundshot-branded smartphone + tablet app	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
roundshot-branded screensaver program	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Embedding options</b>			
java thumbnails, map (google), iframes, image direct links	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
image extractor (to generate partial preview images) + FTP / SFTP	<input checked="" type="checkbox"/>		
<b>Sharing partners</b>			
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Remote maintenance (troubleshooting service)</b>			
	8am-6pm every day + public holidays	8am-6pm Monday-Friday	

\* It is possible to add specific features to the web service "economy"

\*\* Web service "video" is only available in combination with a web service "economy" or "full"

\*\*\* For Roundshot Livecam generation 2, 3, 4 + 5 without Roundshot Livecam One

## 7. General Data Protection Regulation (GDPR) by the European Union

The General Data Protection Regulation (GDPR) of the European Union does not apply to the Livecam business of Seitz Phototechnik AG, as no personal data are registered or processed.

Nevertheless, Seitz ensures that all components of the Livecam Software Platform - if applicable - are compliant with GDPR.

### 7.1 Policies

The components of the Livecam Software Platform relevant for GDPR are the frontend websites (html5, html4 websites, etc.) for which Seitz has issued specific Cookies + Privacy Policies. These are displayed in the frontend web pages and can also be downloaded through the following links:

[Roundshot cookies policy](#)

[Roundshot privacy policy frontend](#)

For all other Livecam services (api, CMS, support website, own www website + club) Seitz has also issued privacy policies, which are available as downloads in the following website:

[Roundshot privacy policies \(api, CMS, support, www, club\)](#)

Only personal data that is necessary for the functioning of the Livecam service (e.g. an email address, a first and last name for the optional sending of an "ecard") as well as cookies and user data are collected. This data is not stored on the server. No IP addresses are logged.

Seitz has appointed the following person as data protection officer:

Mr. Urs Krebs

[u.krebs@roundshot.com](mailto:u.krebs@roundshot.com)

### 7.2 Cookie preferences

When users visit a Livecam website for the first time (desktop browser or browser for mobile devices), their cookie preferences are queried. The user has the option of accepting all cookies or blocking non-essential cookies (used for statistical purposes). Non-essential cookies, i.e. those that can be deactivated, also include cookies for Google Analytics or Google Tag Manager (GTM).

The cookie preferences remain stored in the system settings of the user's computer for up to 13 months. They can be redefined by the user at any time by clicking on the "Legal" menu function.

The request for cookie preferences applies to Livecam websites (URLs) in "web layout". Livecam websites in "TV layout", which are primarily used for displaying images on screens without user interaction, have no individual user tracking and accordingly no cookie preferences are queried. The Roundshot Livecam apps allow disabling of Google Analytics or GTM in the app settings.

## 7.3 Blurring of image sections/people/objects

People may be detected in the Livecam images. Seitz recommends blurring of relevant sections of the image by giving Seitz blurring instructions (see section 9.1 Responsibilities and rights of the owner or operator of the Livecam for online content). The Seitz technician implements the instructions received by the customer in first priority on the camera and/or optionally on the roundshot server.

Two different blurring methods are available for panorama images (stills):

1. Static blurring of zones
2. Dynamic blurring of people and vehicles using artificial intelligence (AI)

### 7.3.1 Static blurring of zones

A blurring tool on the camera computer covers protects private zones by adding a blur, pixels or solid colour during the image capture or panorama stitching process. Various shapes (rectangles, polygons) and blurring options are available, ranging from adding unsharpness to fully covering an area with colour. This blurring method works on the camera computer for all camera generations before the panorama is sent to the roundshot server.

### 7.3.2 Dynamic blurring of people and vehicles using artificial intelligence (AI)

An AI blurring algorithm automatically detects people and vehicles and adds blur or pixels to make them unrecognizable. This algorithm works with a high hit rate; however, false positive hits (irrelevant objects) or false negative results (non-pixelated faces or license plates) are possible. This blurring method is available in first priority on the camera computer (Livecams generations 4 and higher) and optionally on the roundshot server (Livecam generations 3 and higher).

### 7.3.3 Report images for blurring

A reporting tool is provided in the Livecam desktop application in section “legal” for reporting one-time or permanent blurring requests by website visitors. Such a request creates a ticket in the Seitz support system and is then processed by Seitz technicians in consultation with the customer.

## 7.4 Location of data

Following GDPR requirements, all data processed by Seitz under these Conditions are saved on bare metal servers on infrastructure rented or owned by Seitz at OVH and ikoula in France. For cold storage (back-up image data) Seitz uses the google archive service in a data centre in Belgium for which a data processing agreement (DPA) is signed/accepted. Except for image transfers mandated by the customer by ftp, sftp or WebDAV to a third party server, no data is transferred outside of the European Union and no cloud service with replication across other data centres or geographies is used. Data is encrypted for data transfers between servers and data centres as well as for storage of logos and database back-up. An access control and deletion policy are in place.

## 8. Prerequisites for installing the Roundshot Livecam

### 8.1 Choice of the Livecam location – on-site demo

For Livecams for which Seitz is responsible for service launch and service, a first visit on site and inspection of possible locations of the Roundshot Livecam is included. The ideal location has a very important impact on the future success of a Livecam. Our photographer creates test images which are then loaded on the web server to visualise the new installation.

### 8.2 Preconditions for the installation

To make sure that the Livecam can be installed efficiently and securely, the Livecam customer prepares the following items:

- Installation of a solid camera mast according to the requirements defined by Seitz (pdf drawing), including grounding and lightning protection
- Set up of a secured access to the camera (ladder, elevator, flying worker)
- Set up of an electricity mains supply (220V or 110V) in a maximum distance of 30m from the camera; preparation of a waterproof box for the 24V mains adapter; by electrician
- Provision of a DSL connection with router or network access and confirmation of attributed IPs (camera/computer) through network specialist; integration of the computer in the network respecting all available security guidelines (DMZ) and opening the following ports:
  - Port 80 / 8080 (http/https) for image upload
  - Port 443 for VPN access (Livecam generation 3, 4, 5, 6 + One)
  - Port 123 (time synchronisation)
- for locations without DSL the Roundshot Livecam is also available using a GSM internet connection (3G, 4G, 5G); this requires an on-board or external GSM router

For Livecams with integrated computer (Roundshot Livecam Generation 3,4, 5 + 6 and Livecam One), the computer is configured so that the VPN access is protected with a username + password. For security reasons, no DNS server is installed and only point-to-point internet connections (to the Seitz VPN server, to the Seitz image processing server / firewall, to the time synchronization server) are possible from the camera computer. Seitz does not disk lose the root password of the computer.

Seitz makes sure to deliver all necessary data and information to prepare the installation to the customer beforehand (drawing mast/camera, datasheet mains adaptor, for more complex installations drawing of building and connections). The cables (Ethernet/power) as well as the mains adaptor are in most cases delivered to the customer prior to the installation.

The camera creates the images by rotation of the camera head. This rotating movement can create vibrations or noise. It is important to mount the camera and the mast in such a way that there are no transmissions of sound or vibrations to nearby living spaces. Should the environment be sensitive to noise or vibration, the Seitz technician will consult the customer during the initial site inspection.



## 9. Operation of the Roundshot Livecam

### 9.1 Commitments of the customer

The customer makes sure that

- the power supply to the camera is stable (no temporary power)
- the internet connection via DSL is always available
- the access to the Livecam is always possible
- there are no network conflicts (2x identical IPs)
- that all security norms for the firewall and the network are strictly respected

The Livecam customer must notify the Seitz team of any interruptions in camera operation immediately by phone or by email. To resolve such interruptions, the customer assists the Seitz technician wherever possible on site (for example by restarting the computer, taking images of the camera hardware in case of failures, etc.).

For warranty repairs or repairs at cost Seitz assumes no responsibility or cost for re-installation of a Livecam, especially if the site is difficult to access (for example if the camera is installed on a high mast).

### 9.2 Commitments of Seitz

Warranty and exclusion of liability

All Seitz Roundshot products are covered by a 2-year warranty for production or assembly faults. This warranty and the exclusion of liability are defined in our General Terms & Conditions.

No software warranty

The Livecam customer expressly acknowledges and agrees that the software is provided “as is” with all faults and without warranty of any kind.

Service availability of the Livecam product – troubleshooting service

All Livecam parts as well as software components are designed for maximum reliability and longevity. Nevertheless, it is possible that the operation of a Livecam is disrupted.

Seitz has access to an online monitoring tool with which all Livecam installations are supervised. Despite of this automated tool, it is not possible to detect all possible disturbances (for example, when the image quality is impaired). This is why the Seitz technicians also rely on alerts by the customer.

Troubleshooting

The customer reports malfunctions by phone using the general Seitz number 052 369 68 00 (+41 52 369 68 00).

The Seitz team connects as quickly as possible via remote access to the camera or to the web admin tool (CMS) to resolve the problem via software.

This remote access service is available during office hours Monday through Friday from 8am to 6pm Central European Time (CET). For emergencies and exclusively for web service plan “full” there is a weekend service on Saturdays, Sundays, and Bank Holidays from 8am to 6pm (CET).

If the problem cannot be resolved via remote access, Seitz will initiate the following steps for troubleshooting:

- Detection of the problem over the phone with the customer on site (test of the hardware, problem description)
- Wherever necessary and helpful delivery of spare parts or of a new computer
- Wherever necessary and helpful visit at customer site and repair of Livecam on site
- Wherever necessary and helpful dismantling of camera and delivery to Seitz

If the Livecam cannot be repaired on site, it will be serviced at the Seitz factory and reinstalled as quickly as possible. This reinstallation will be done either by the customer (delivery of repaired Livecam) or by a Seitz technician. The most efficient and economical approach will be defined by communication between the customer and Seitz.

Repairs which are due to production or assembly faults will be completed under 2-year warranty free of charge. For all other repairs the work hours of the Seitz technician, the material costs as well as possible dismantling/installation costs (transportation) or delivery charges will be charged.

For maintenance and problem solving on the web server Seitz established a service contract with a specialised system administration company which guarantees interventions on 365 days during the year.

Possible causes of a malfunction and exclusion of liability

Malfunctions can be traced back to different causes, which often cannot be related to one single problem. Often these causes are beyond the control of Seitz. Seitz cannot be held liable for any loss caused by a product or any unsatisfactory application of the product, neither in the event of loss of revenue by the customer. Seitz does not reimburse any costs for the web service due to camera issues or service disruptions.

Livecams generation 2+3

For a high resolution scan the camera requires sufficient light, generally available from sunrise to sunset. During this timeframe image capture is possible every 10 minutes. Within one hour after sunrise as well as one hour before sunset light conditions can change significantly. This is why images are not guaranteed shortly after sunrise and shortly before sunset. Night images are possible but because of inferior light conditions not always recommendable.

Livecam generation 4+6

This Livecam works day and night and generates one high resolution panorama every 10 minutes with one 4k video sequence (maximum 1 minute, compressed) also within these 10 minutes. A faster image capture rhythm for panoramas is possible during the day (from sunrise to sunset) if the image resolution is reduced. A faster image capture rhythm at night depends on the total duration of long exposures and cannot be guaranteed.

Livecam generation 5 with mains power supply (110V / 230V)

This Livecam works day and night and generates a high-resolution panorama every 10 minutes. A faster image capture rhythm for panoramas is possible during the day (from sunrise to sunset) if the image resolution is reduced. A faster image capture rate at night depends on the total duration of long exposures and cannot be guaranteed.

Livecam generation 5 solar (solar power supply with batteries)

This Livecam is designed for reduced power consumption in solar operation and has internal power management that controls the heating output, the image recording rhythm and the computer standby mode depending on the available power. With sufficient power, the camera works day and night and generates a high-resolution panorama every 20 minutes. When the battery voltage is reduced, the image

capture rate is reduced to 1 image per hour. If the battery charge level is critical, the system is put into standby mode and is then reactivated when the battery is sufficiently charged again.

#### Livecam One

This Livecam works day and night and generates one single-frame image every 10 minutes.

#### Livecam One S

This Livecam works day and night and generates a single image in reduced resolution (full HD) every 10 seconds.

#### Service Level Agreements

Seitz makes sure that the Livecam installation works properly. Further service level agreements are explicitly denied.

## 10. Terms of contract

### 10.1 Duration of contract

These Livecam Service Conditions take effect at the moment of installation of the Livecam until year end. The contract is automatically renewed for another year if the customer does not give notice in writing before 31 December.

### 10.2 Billing

The costs of the web service are invoiced at the beginning of the year for the entire year of service. The invoice is payable within 30 days. For a contract starting during the year the service fee is calculated for the time period from start of the contract until 31 December (pro-rata-temporis).

### 10.3 Ordinary Termination of contract

The customer or Seitz can terminate the contract anytime for year-end (31 December). The service fee from the moment of contract termination until year end is not reimbursed.

### 10.4 Termination of contract for an important reason

Both parties can terminate the contract for an important reason without observing a notice period. An important reason exists if the terminating party cannot be expected to continue the contractual relationship until the agreed termination or until a period of notice has expired, considering all the circumstances of the individual case, and weighing the interests of both parties. The service fee is due until the termination date.

### 10.5 Termination of software license

Upon termination of the Web Service Agreement, the license of the Capture Software (Item 3 of this Agreement) and the License of the Web Service (Item 4 of this Agreement) expire.

A return of the Livecam and reimbursement of the purchase price is excluded in any event.

## 11. Special risks when operating a webcam regarding online content

### 11.1 Responsibilities and rights of the owner of the Livecam

With the purchase or rental of a Seitz Roundshot camera the client assumes the sole responsibility for the linking and presentation of contents of the purchased camera and with that is liable for its contents. The client confirms furthermore that he/she will instruct Seitz to configure the camera in such a way that no individual people (or objects of people that allow people recognition) may be recognised.

The client is solely responsible to comply with the regulations set by law and may not hold Seitz liable for any claims made by others. If there should be legal action against Seitz, the client will join the legal process and assume all responsibilities set by law. The client also assumes all costs for legal representation and court fees for the case caused by claims of third parties.

### 11.2 Responsibilities and rights of Seitz

Through the Livecam capture software and the roundshot server Seitz can add static blurring of zones and/or dynamic blurring of people and vehicles (AI blurring). Seitz configures the image capture according to the instructions of the customer and ensures that sensitive parts will be permanently blurred or covered. Seitz only executes the instructions of the customer and is by no means liable for any infringement of privacy laws.

For video sequences there is no blurring tool. Video sequences need to be configured by setting angle and zoom levels so that they comply with the law.

The exact regulations vary by country. As an example, here are the government guidelines for webcams operated in Switzerland (text in German):

[https://www.edoeb.admin.ch/edoeb/de/home/datenschutz/freizeit\\_sport/webcam.html](https://www.edoeb.admin.ch/edoeb/de/home/datenschutz/freizeit_sport/webcam.html)

Relating to complaints by users because of illegal or inappropriate use or a criminal act of the client, Seitz may close the link to the client's webpage without notice at own judgment. Also, Seitz does not assume responsibility for the content of any communications that are sent via the web platform.

User and operator are not allowed to use any mechanisms, software, or routines in connection with the use of the website of Seitz or with the activation of a camera that disturb or interfere with the functioning of a website. User and operator may not take any measures that can cause an excessive workload of the infrastructure. In these cases, Seitz has the right to block the user and/or the operator from accessing the services. Furthermore, user and operator can be held responsible without restrictions for any possible damage caused.

Seitz always complies with the applicable data protection laws and treats personal data of users with care. Data of individuals is only registered and saved as long as it is necessary to run a particular service. The saved data are only used for the sole purpose of these services. Seitz thus makes sure that the saved data is protected by technical and organisational measures from illicit viewing and use. In case of a criminal act or the suspicion thereof Seitz may screen the data and pass it on to the authorities on explicit request.

The services (links and up-/downloading facilities) through the website of Seitz are offered without any guarantee given for their availability or quality. In particular, Seitz assumes no responsibility for timeliness, correctness, completeness, and quality of the information contained in the website. Seitz may not be held liable for any damages caused by deferred accessibility, malfunctioning or erroneous or incomplete information. The liability of Seitz for indirect damages is also fully denied.

Seitz assumes no responsibility for the correct functioning of the firewall and of possible damages resulting from incorrect settings of the firewall. The responsibility to protect the system by means of a firewall lies entirely with the client / user.

If the client gives Seitz the mandate to install or maintain the camera over the internet and gives Seitz access the connected computer, then Seitz cannot be held liable for any risks associated with that access (i.e., non-authorized access by others and losses and damages resulting from such accesses). At the same time, Seitz ensures to always keep passwords/access codes for the computer secret.

In all other cases a potential liability of Seitz against operators, users and third parties within the legally possible is explicitly denied.

## 12. Final regulations

Please observe also our General Terms & Conditions as well as the Seitz Roundshot software license which are available as downloads from our website and which are part of these Livecam service conditions. Seitz reserves the right to modify and amend any contract or license at any time without giving reasons.

Should one clause of this licence or parts thereof become void, all other clauses remain intact. A void clause is recognised as replaced by another one that comes closest to the sense and purpose of the void clause. The same is true for potential legal gaps.

## 13. Jurisdiction

These General Terms & Conditions are governed under the laws of Switzerland.  
The applicable court is Frauenfeld / Switzerland.