

**KURZANLEITUNG / QUICK INSTALLATION GUIDE**

**IP SD Kamera mit IR-LEDs  
IP SD camera with IR LEDs**



**Modell / Model:  
SNC-241RSIA**

**Lieferumfang:**

1x Kamera SNC-241RSIA  
1x Netzkabel Spritzwasserschutz  
1x Bohrlochsablonne  
1x Set Schrauben und Dübel  
1x Kurzanleitung und Sicherheitshinweise  
1x Wandarmadapter  
1x Schraubadapter  
1x Netzteil ~24VAC/3A  
1x CD mit IP Config Tool, Video Player

***Items included in the delivery:***

*1x Camera SNC-241RSIA  
1x Networkcable splash-proof  
1x Mounting drawing paper  
1x Set screws and anchors  
1x Quick installation guide and security note  
1x Wall Mount Adapter  
1x Bracket Adapter  
1x Power Adapter ~24VAC/3A  
1x CD with IP Config Tool, video player*

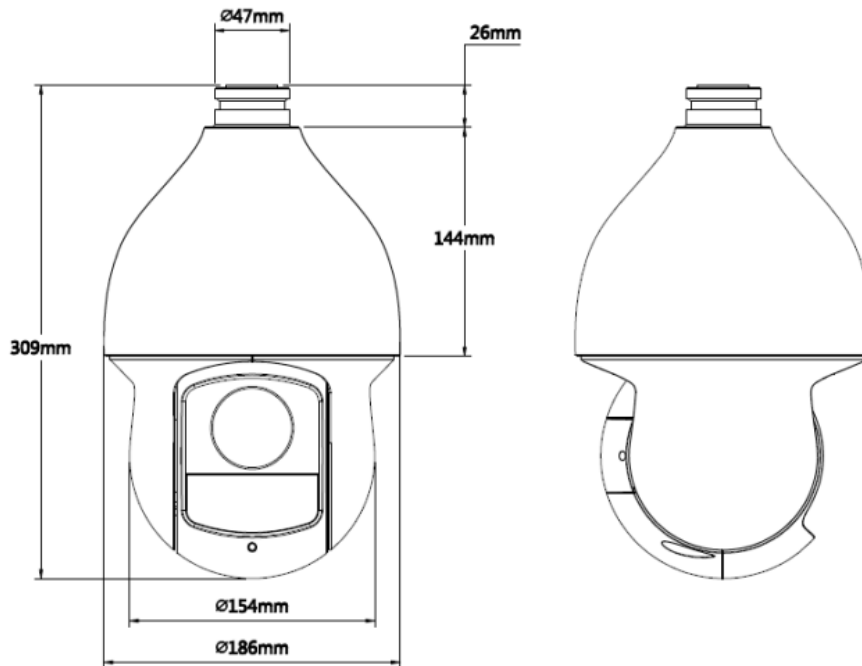
**Besondere Ausstattungsmerkmale:**

- Low Light Sensor - Brillante Bilder in hoher Qualität auch bei geringer Beleuchtung
- Einfache Bedienung dank einer intuitiven Benutzeroberfläche
- Video Analyse Funktionen
- H.265(+) / H.264(+) / MJPEG Video Codec
- 3x Streaming, Multicast
- 120dB Wide Dynamic Range (WDR)
- 25x Zoom Objektiv
- Max. 150m IR Reichweite
- P2P fähig / Cloud fähig
- 1/3" Progressive Scan CMOS Sensor
- 50/60 B/s bei 2 MP (1080p)
- ~24VAC, PoE+ Betriebsspannung
- 4 Privatzonen
- 4 unabhängige Zonen für Bewegungserkennung
- ONVIF Profile S

***Special features:***

- *Low Light Sensor - Excellent image quality, even under poor light conditions*
- *Easy to use thanks to intuitive user interface*
- *Video Analytics supported*
- *H.265(+) / H.264(+) / MJPEG Video Codec*
- *3x streaming, multicast*
- *120dB Wide Dynamic Range (WDR)*
- *25x Zoom lens*
- *Max. 150m IR distance*
- *P2P capable / Cloud capable*
- *1/3" progressive scan CMOS sensor*
- *50/60 fps at 2 MP (1080p)*
- *~24VAC, PoE+ voltage*
- *4 privacy zones*
- *4 independent zones for motion detection*
- *ONVIF Profile S*

**Technische Zeichnung / Technical drawing:**



Alle Angaben in mm.  
 Zeichnung nicht maßstabgerecht.  
 Irrtum und technische Änderungen  
 vorbehalten.

**Bitte beachten:**  
 Bitte beachten Sie auch das Beiblatt mit  
 Sicherheitshinweisen und Vorsichts-  
 maßnahmen.

*All dimensions in mm.  
 Drawings not true to scale.  
 Subject to technical changes.  
 Errors excepted.*

**Please note:**  
 Please also read the supplemental sheet  
 on safety precautions and safety  
 instructions.

**Technische Daten / Technical specifications:**

<b>Modell / Model</b>	<b>SNC-241RSIA</b>
Kameratyp / <i>Camera type</i>	IR-SD PTZ Kamera / <i>IR SD PTZ camera</i>
Installation / <i>Installation</i>	Innen- und Außenbereich / <i>Indoors and outdoors</i>
Videonorm / <i>Video norm</i>	PAL / NTSC
Bildsensor / <i>Image sensor</i>	1/2" 2 Megapixel CMOS
Aktive Bildelemente / <i>Effective pixel</i>	H:1920 x V:1080
Max. Auflösung / <i>Resolution</i>	1080P(1920x1080)
Bildrate / <i>Frame rate (PAL)</i>	1080P/720P(1 ~ 50/60fps)
Signal/Rauschabstand / <i>SN ratio</i>	> 55 dB
Objektiv / <i>Lens</i>	4.8mm~120mm (F1.6 ~ F4.4)
Zoom	25x opti. / 16x digital
Blickwinkel / <i>Angle of view</i>	H: 59.2° ~ 2.4°
Lichtempfindlichkeit / <i>Illumination</i>	0.005Lux@F1.6; 0Lux@F1.6 (IR on)
Rauschunterdrückung / <i>Noise reduction</i>	2DNR / 3DNR
Weißabgleich / <i>White balance</i>	AWB
WDR (Wide Dynamic Range)	BLC / HLC / 120dB TrueWDR
Pan/Tilt	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°,auto flip 180°
Preset Speed	Pan: 400° /s; Tilt: 300° /s
PTZ Mode	5 Pattern, 8 Tour, 300 Preset Auto Pan ,Auto Scan
Alarm Eingang/Ausgang / <i>Alarm in/out</i>	2/1
Audio Eingang/Ausgang / <i>Audio in/out</i>	1/1
Audio Kompression / <i>Compression</i>	G.711a/G.711Mu/AAC/G.722 / G.726/G.729/ MPEG2-L2
Speicherkarte / <i>Memory slot</i>	Micro SD, max. 128GB
Schutzart / <i>Classification</i>	IP66
OSD-Menü / <i>OSD menu</i>	Mehrere Sprachen / <i>Multi-language</i>
IR-Scheinwerfer / <i>IR LEDs</i>	Max. 150m Reichweite* / <i>Max. 150m range*</i>
Betriebsspannung / <i>Voltage</i>	~24VAC ±10%, PoE (802.3at)
Leistungsaufnahme / <i>Power consumption</i>	Max. 23,5 Watt (IR on, lens working)
Betriebstemperatur / <i>Operating temperature</i>	-40° bis / <i>to</i> +60° C
Lagertemperatur / <i>Storage temperature</i>	0° bis / <i>to</i> +60° C
Abmessungen / <i>Dimensions</i>	Φ186.0(mm) x 309(mm)
Gewicht / <i>Weight</i>	ca. 3,5 kg
Gehäusefarbe / <i>Housing color</i>	Schwarz/Weiß / <i>Black/White</i>
Kennzeichnung / <i>Identifier</i>	CE
Empfohlenes Netzteil / <i>Recommended power adapter</i>	SNPS-12D2 / VCA-12V-1.5ASA

\* **Hinweis:** Die Reichweite des IR-Strahlers ist stark abhängig von der Betriebsspannung, dem Einsatzort und von der Umgebung. Stark absorbierende Flächen, wie z.B. dunkle raue Strukturen (Boden, Rasen, Asphalt) können zu einer deutlichen Verringerung der maximalen Reichweite führen.

Irrtum und technische Änderungen vorbehalten.

\* **Note:** The range of the built-in IR-LEDs strongly depend on power supply, the location and the surroundings. Strongly absorbent surfaces, e.g. dark, rough structures (floor, lawn or asphalt) may lead to a considerable reduction of the maximum range.

*Subject to technical changes without notice. Errors excepted.*

**Inbetriebnahme**

- Installieren Sie die Kamera am gewünschten Ort.
- Schließen Sie die Kamera an die Betriebsspannung / PoE an.
- Installieren Sie den auf der CD mitgelieferten IP-Finder.
- Öffnen Sie die Webseite des Gerätes

**Benutzername: admin**  
**Passwort: 9999**



Es wird dringend empfohlen, nach Starten der Kamera den Benutzernamen und das Passwort zu ändern unter:

- Einstellungen ► System ► Konto

Klicken Sie auf das Stift-Symbol und ändern Sie die Passwörter der Default Konten „admin“ und „user“.

Benutzername: user  
Passwort: 123456

**Ausführliches Benutzerhandbuch:**

Diese Kurzanleitung dient dazu, das Gerät einfach und unkompliziert in Betrieb zu nehmen. Eine ausführliche Beschreibungen der einzelnen Funktionen finden Sie im Benutzerhandbuch, das Sie auf unserer Webseite als pdf-Datei herunterladen können.

Alternativ können Sie für einen schnellen Zugriff auf das Handbuch diesen QR-Code einlesen, um das Handbuch direkt auf Ihr Smartphone oder Tablet zu erhalten.

**Getting started**

- *Install the camera in the desired location.*
- *Connect the camera to power / PoE.*
- *Install the IP-Finder which is included on the supplied CD.*
- *Default login:*

**User account: admin**  
**Password: 9999**



*It is highly recommended to change the user name and password. Make these changes here:*

- *Setting ► System ► Account*

*Click on the pencil symbol and change the passwords of default accounts “admin” and “user”.*

*User account: user*  
*Password: 123456*

**Detailed user manual:**

*The purpose of this quick installation guide is to start the device in an easy and convenient way. Further detailed explanations and descriptions of the various functions are available in the user manual which you can download as pdf file from our website.*

*Alternatively, for quick access to the user manual, you can scan the below QR-code to view the user manual on your smartphone or tablet.*



**Beschreibung der Kamera-Konfigurationen*****Description of camera configurations*****1. LIVE**

- Stream
- Protokoll
- Manuelle Aufnahme
- Schnappschuss

***1. LIVE***

- *Stream*
- *Protocol*
- *Manual recording*
- *Snapshot*

**2. WIEDERGABE**

- Aufnahmen
- Suche
- Daten Download
- Kalender

***2. PLAYBACK***

- *Recordings*
- *Search*
- *File download*
- *Date*

**3. EINSTELLUNGEN**

- Kamera
- Netzwerk
- Ereignis
- IVA
- Speicherung
- System
- Information

***3. SETTINGS***

- *Camera*
- *Network*
- *Event*
- *IVA*
- *Storage*
- *System*
- *Information*

**4. ALARM**

- Alarm Liste
- Alarm Ton

***4. ALARM***

- *Alarm list*
- *Alarm sound*

**5. SETUP ASSISTANCE**

- Stream
- Bitrate
- Bildanpassungen

***5. SETUP ASSISTANCE***

- *Stream*
- *Bitrate*
- *Image setting*

**6. LOGOUT*****6. LOGOUT***

### Online Fernzugriff

Sie haben die Möglichkeit, auf Ihre Kameras und Rekorder von Unterwegs über einen PC oder Laptop mit einem aktuellen Windows Betriebssystem ohne DDNS zuzugreifen. Führen Sie hierzu die folgenden Schritte durch:

- 1) Aktivieren Sie die P2P Funktion Ihres Gerätes und verbinden Sie es mit dem Internet. Der P2P Status zeigt „online“ wenn das Gerät sich erfolgreich mit dem Server verbunden hat.
- 2) Erstellen Sie ein kostenloses Verwaltungskonto unter [www.cloud1.burg.biz](http://www.cloud1.burg.biz) und fügen Sie Ihre Kameras durch Eingabe der Seriennummer, Benutzername und Passwort Ihrem Account hinzu.
- 3) Sie können nun über Ihr Verwaltungskonto auf die eingerichteten Geräte zugreifen

### Online remote control

*You can control your cameras and recorder by PC or notebook with actual Windows OS without DDNS when you are connected to the Internet. Therefore do the following steps:*

- 1) *Enable the P2P function of your device and connect it to the Internet. The P2P state becomes “online” when device has successfully connected to server.*
- 2) *Register a free account at [www.cloud1.burg.biz](http://www.cloud1.burg.biz) and add your cameras and recorders to your account by entering serial number, username and password.*
- 3) *Now you can enter your account and control your devices.*

#### Live



#### Wiedergabe / Playback



Um diesen Service nutzen zu können müssen Sie die Nutzungsbedingungen akzeptieren.

<http://cloud1.burg.biz> ► „Jetzt registrieren“ ► „Service Bestimmungen“

*To use this service you have to accept the Terms of Service at:*

<http://cloud1.burg.biz> ► „Sign Up Now“ ► „Terms of Service“

**„Burg Cam“ App für P2P Anwendungen:**

Sie können das Gerät auch über die „Burg Cam“ App von Ihrem Smartphone oder Tablet aufrufen und steuern. Es stehen folgende Apps für Smartphones und für Tablets zur Verfügung, jeweils als kostenlose „Lite“ oder als kostenpflichtige „Pro“ Version:



**„Burg Cam“ App for P2P applications:**

Using the “Burg Cam” App, you can call-up and control the device by your smartphone or tablet. The following Apps are available for smartphone and tablets: the a free-of-charge “Lite” version or the “Pro” version with costs.

App Name	Burg Cam Lite	Burg Cam Pro	Burg Cam HD Lite	Burg Cam HD Pro
Gerät / Device	Smartphone	Smartphone	Tablet	Tablet
Funktionen / Functions	<p>Grundfunktionen, z.B. Bildeinstellungen, Schnapshots, lokale Aufnahme</p> <p><i>Basic functions, e.g. image adjustment, snapshots, local recording</i></p>	<p>Erweiterte Funktionen, z.B. Bildeinstellungen, Streamqualität, Push Nachrichten</p> <p><i>Advanced functions, e.g. image adjustment, stream quality, push notification</i></p>	<p>Grundfunktionen, z.B. Bildeinstellungen, Schnapshots, lokale Aufnahme</p> <p><i>Basic functions, e.g. image adjustment, snapshots, local recording</i></p>	<p>Erweiterte Funktionen, z.B.: Bildeinstellungen, Streamqualität, Push Nachrichten</p> <p><i>Advanced functions, e.g. image adjustment, stream quality, push notification</i></p>
Kosten / Costs	Kostenlos / Free-of-charge	Kostenpflichtig / With costs	Kostenlos / Free-of-charge	Kostenpflichtig / With costs
System	iOS, Android	iOS, Android	iOS, Android	iOS, Android



iOS Pro App



Android Pro App

## Allgemeine Sicherheitshinweise

- Vor Inbetriebnahme des Gerätes sollte dieses Handbuch sorgfältig gelesen und als Nachschlagewerk verwahrt werden.
- Vor jeder Reinigung muss das Gerät ausgeschaltet und von der Betriebsspannung getrennt werden. Benutzen Sie für die Reinigung ein feuchtes Tuch. Benutzen Sie keine scharfen Reinigungsmittel oder Sprühdosen. Das Typenschild darf nicht ersetzt werden.
- Benutzen Sie keine Zusatzgeräte, die nicht vom Hersteller des Gerätes empfohlen wurden. Diese können die Funktionalität des Gerätes beeinflussen und schlimmstenfalls Verletzungen und einen elektrischen Schlag herbeiführen oder sogar Feuer auslösen.
- Betreiben Sie das Gerät niemals in der Nähe von Wasser oder anderen Flüssigkeiten.
- Das Gerät sollte an einem sicheren Ort und auf fester Unterlage gemäß den Angaben des Herstellers installiert werden. Schweres Gerät sollte mit großer Sorgfalt transportiert werden. Schnelle Halts, übermäßige Krafteinwirkungen und unebener Boden können die Ursache sein, dass das Gerät zu Boden fällt und schweren Schaden an Personen und anderen Objekten verursacht.
- Eventuell am Gerät befindliche Öffnungen dienen der Entlüftung und schützen das Gerät vor Überhitzung. Diese Öffnungen dürfen niemals zugedeckt oder zugestellt werden. Sorgen Sie dafür, dass das Gerät nicht überhitzt wird.
- Verwenden Sie nur die empfohlene Betriebsspannungsversorgung. Wenn Sie nicht sicher sind, ob die am Installationsort vorhandene Stromversorgung verwendet werden kann, fragen Sie Ihren Händler.
- Ein Gerät, das von einer polarisierten Stromversorgung versorgt wird, hat meistens als Sicherheitsvorkehrung einen Netzanschlusstecker mit unterschiedlichen Klinken, welche nur auf eine Art und Weise mit der Netzsteckdose verbunden werden können. Versuchen Sie niemals, diese Sicherheitsvorkehrung eines polarisierten Steckers außer Betrieb zu setzen.
- Wenn das Gerät eine Stromversorgung mit Erdungsanschluss erfordert, dann sollte es auch nur an eine entsprechende Netzsteckdose mit Erdungsanschluss angeschlossen werden. Steht eine solche Schukosteckdose nicht zur Verfügung, dann sollte sie von einem Elektriker installiert werden.
- Anschlusskabel sollten so verlegt werden, dass man nicht darauf treten kann oder dass sie durch herab fallende Gegenstände beschädigt werden können.
- Bei einem Gewitter oder bei längerer Nutzungspause sollte das Gerät immer von der Betriebsspannung getrennt werden. Lösen Sie auch andere Kabelverbindungen. Auf diese Weise schützen Sie das Gerät vor Blitzschäden oder Stromstößen.
- Setzen Sie Netzsteckdose und Netzkabel niemals einer Überbelastung aus. Feuer und elektrische Schläge können die Folge sein.
- Stecken Sie niemals Gegenstände durch die Öffnungen des Geräts. Sie können Spannungs- führende Teile berühren und einen elektrischen Schlag erhalten.
- Vergießen Sie auch niemals Flüssigkeiten über das Gerät.
- Bei Betriebsstörungen oder einem vollständigen Betriebsausfall schalten Sie das Gerät aus und trennen es von der Versorgungsspannung. Versuchen Sie niemals, selbst Wartungs- oder Reparaturarbeiten bei geöffnetem Gehäuse durchzuführen, da Sie sich gefährlichen Spannungen aussetzen. Überlassen Sie Wartungs- oder Reparaturarbeiten ausschließlich qualifizierten Fachwerkstätten.
- Als Ersatzteile dürfen nur Teile verwendet werden, die vom Hersteller zugelassen wurden oder solche, die identische Leistungsdaten aufweisen. Nicht genehmigte Ersatzteile können zu Schäden an Personen (elektrischer Schlag) und Gerät (Feuer) führen.
- Nach jeder Wartung oder Reparatur des Geräts muss das Gerät auf einwandfreien Betrieb überprüft werden.
- Die Installation des Geräts darf nur von qualifiziertem Personal ausgeführt werden und muss den örtlichen Spezifikationen und Vorschriften entsprechen.
- Richten Sie die Kamera nie auf ein Objekt mit hoher Leuchtkraft. Helle vertikale oder horizontale Linien können auf dem Bildschirm das gesamte Bild überstrahlen. Dieser Nachzieheffekt ist kein Fehler, sondern eine Eigenart der Halbleiter CCD's, wenn dieser einer starken Lichtquelle direkt ausgesetzt wird.
- Bei Einsatz dieser Kamera an Orten mit stark unterschiedlichen Lichtverhältnissen ist die Blendeneinstellung anzupassen.
- Bitte beachten Sie im Fall der Entsorgung unbrauchbarer Geräte die geltenden gesetzlichen Vorschriften.



Dieses Symbol bedeutet, dass elektrische und elektronische Geräte am Ende ihrer Nutzungsdauer vom Hausmüll getrennt entsorgt werden müssen. Bitte entsorgen Sie das Gerät bei Ihrer örtlichen kommunalen Sammelstelle.



Bei Kameras mit einem IR-Scheinwerfer:

Bewahren Sie stets einen Abstand von > 1m, um gesundheitlichen Schäden vorzubeugen. Schauen Sie nie direkt in den IR-Scheinwerfer hinein, um Augenschäden zu vermeiden.

## CE Richtlinien

Vorsicht: Änderungen und Modifizierungen, die nicht ausdrücklich durch die zuständige Genehmigungsbehörde genehmigt worden sind, können zum Entzug der Genehmigung zum Betreiben des Gerätes führen. Dieses Gerät entspricht den CE-Richtlinien.



## General safety precautions and safety instructions

### Safety instructions

- Before operating the appliance, please read this manual carefully and retain it for further reference.
- Before cleaning the appliance, it has to be switched off and unplugged from the power outlet. Wipe the appliance with a soft damp cloth.  
Do not use harsh cleansers or aerosols for cleaning. The type label may not be replaced.
- Do not use attachments unless recommended by the manufacturer as they may affect the functionality of the appliance and result in the risk of fire, electric shock or injury.
- Never install the appliance in areas exposed to water or other liquids.
- The appliance has to be installed in a safe and stable location which is able to carry the weight of the appliance. Quick stops, excessive force, and uneven surfaces may cause the appliance to fall causing serious injury to persons and damage to objects.
- Openings in the appliance, if any, are provided for ventilation to ensure reliable operation of the appliance and to protect it from overheating. These openings must not be covered or blocked. Please make sure that the appliance does not overheat.
- The appliance should only be operated from the type of power source indicated on the marking label. If you are not sure of the type of power supplied at the installation location, please contact your local dealer.
- An appliance which is powered through a polarized plug (a plug with one blade wider than the other) will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug into the outlet, try reversing the plug. Do not defeat the safety purpose of the polarized plug.
- If the appliance is powered through a grounding-type plug, the plug will only fit into a grounding-type power outlet. This is a safety feature. If your outlet does not have the grounding plug receptacle, contact your local electrician.
- Route power cords and cables in a manner to protect them from damage by being walked on or pinched by items placed upon or against them.
- For protection of the appliance during a lightning storm or when it is left unattended and unused for a longer period, unplug the appliance from the wall outlet. Disconnect any antennas or cable systems that may be connected to the appliance. This will prevent damage to the appliance due to lightning or power-line surges.
- Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
- Never insert items into the openings of the appliance. They may touch parts under electric current which may cause an electric shock.
- Never pour any liquids over the appliance.
- In case of any operating interruption or a complete operating failure please switch off the appliance and disconnect it from the wall outlet. Never attempt to service or repair the appliance yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- When replacement parts are required, be sure that the service technician uses replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
- Upon completion of any service or repairs to the appliance, ask the service technician to perform safety checks to verify that the appliance is in proper operating condition.
- The appliance must only be installed by qualified service personnel and has to comply with local specifications and regulations.
- Never point the camera at an object with a high degree of luminance. Bright vertical or horizontal lines can result in a distortion (outshine) of the entire image on the monitor. This artifact is not an error but a particularity of semiconductor CCDs when they are directly exposed to a powerful light source.
- At the installation site, the camera has to be adjusted to the given light conditions (see OSD).
- Please respect the local legal regulations on waste if you need to dispose of discarded appliances.



This symbol means that electrical appliances need to be disposed of properly and not simply with unsorted household refuse. Please respect local regulations on waste disposal.



For cameras equipped with IR LEDs:

Please make sure to always keep a distance of > 1m to avoid damages to your health. Never look directly into the IR-LEDs – this may cause eye damages!

### CE compliance

Attention: Any changes or modifications to this appliance which have not been explicitly approved of by the respective regulatory authority, may lead to a prohibition of usage of this appliance.

This appliance complies with the CE guidelines.



**SANTEC**

SNC-241RSIA

### GNU GPL Lizenzhinweis

Beachten Sie, dass dieses Produkt u.a. Open Source Software enthält, welche unter der GNU General Public License (GPL) lizenziert ist. Wir verweisen auf die Lizenzbestimmungen der GPL, um eine GPL-konforme Verwendung der Programme sicherzustellen.

Der ausgedruckte Lizenztext der GPL V2 liegt diesem Produkt bei.  
Der Lizenztext der GPL kann auch von der Homepage unter

**[www.santec-video.com/Download/GNU\\_GPL/GNU\\_GPL\\_V2.pdf](http://www.santec-video.com/Download/GNU_GPL/GNU_GPL_V2.pdf)**

heruntergeladen werden.

Sie und jeder Dritte erhalten auf Anfrage den vollständigen und maschinenlesbaren Open Source Quellcode der unter der GPLv2 lizenzierten Software. Der Quellcode kann entweder als kostenfreie Download-Link oder alternativ auf einem üblichen Datenträger (zu Selbstkosten) zur Verfügung gestellt werden. Dieses Angebot ist gültig für einen Zeitraum von drei Jahren ab dem Zeitpunkt, zu dem Sie die Software heruntergeladen haben bzw. ab dem Zeitpunkt, zu dem wir das Produkt versendet haben.

Bitte richten Sie Ihre entsprechende Anfrage an:

SANTEC BW AG  
An der Strusbek 31  
22926 Ahrensburg  
Deutschland

Tel: +49 4102 4798 0  
Fax: +49 4102 4798 10  
E-Mail: camera-service@burg.biz

Bitte beachten Sie, dass wir keinen Support oder Garantie für die Fehlerfreiheit des Quellcodes geben können. Der Quellcode stellt lediglich einen Teil der Gesamtsoftware dar.

-----

### GNU GPL License note

Certain open source components are licensed pursuant to GNU General Public License. This establishes that the customers have the right to acquire, modify and redistribute the source code of said software in accordance with the terms of the GNU General Public License or Lesser General Public License.

A printed copy of the license text GPL V2 is included in this product shipment.  
The license text can also be downloaded from our homepage at

**[www.santec-video.com/Download/GNU\\_GPL/GNU\\_GPL\\_V2.pdf](http://www.santec-video.com/Download/GNU_GPL/GNU_GPL_V2.pdf)**

You as well as any other third party may request to have access to the complete and machine-readable open source code for the GPLv2 licensed software. The source code can be provided as free-of-charge download link or, alternatively, on a common data storage device (at cost price). This offer is valid for up to three years after you downloaded the software or after the product has been shipped to you.

Please send your request to the following address:

SANTEC BW AG  
An der Strusbek 31  
22926 Ahrensburg  
Germany

Phone: +49 4102 4798 0  
Fax: +49 4102 4798 10  
E-mail: camera-service@burg.biz

We can't give support or guarantee for squeaky-cleaness of source codes. The source codes are only a part of whole software.

**SANTEC****GNU General Public License**

Version 2, June 1991

This page mirrors the text from <http://www.gnu.org/licenses/gpl-2.0.html>.

Copyright © 1989, 1991 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

**Preamble**

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software—to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things. To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it. For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights. We protect your rights with two steps:

(1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all. The precise terms and conditions for copying, distribution and modification follow.

**TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION**

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

**SANTEC**

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

1. You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
2. You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
3. If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

1. Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
2. Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
3. Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.



**SANTEC**

SNC-241RSIA

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and “any later version”, you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM “AS IS” WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the “copyright” line and a pointer to where the full notice is found.

[one line to give the program's name and an idea of what it does.]

Copyright (C) [yyyy] [name of author]

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

**SANTEC**

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) [year]

[name of author]

Gnomovision comes with ABSOLUTELY NO WARRANTY;

for details type 'show w'. This is free software, and you are welcome to redistribute it under certain conditions; type 'show c' for details.

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than 'show w' and 'show c'; they could even be mouse-clicks or menu items—whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

[signature of Ty Coon], 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

Copyright notice above.

51 Franklin Street, Fifth Floor, Boston, MA 02110, USA

Verbatim copying and distribution of this entire article is permitted in any medium without royalty provided this notice is preserved.

### Hinweise zur Geräteentsorgung

Bitte beachten Sie im Fall der Entsorgung unbrauchbarer Geräte die geltenden gesetzlichen Vorschriften.



Dieses Symbol bedeutet, dass elektrische und elektronische Geräte am Ende ihrer Nutzungsdauer vom Hausmüll getrennt entsorgt werden müssen. Bitte entsorgen Sie das Gerät bei Ihrer örtlichen kommunalen Sammelstelle.

### Impressum

Das Copyright dieser Bedienungsanleitung liegt ausschließlich bei SANTEC BW AG. Jegliche Vervielfältigung auch auf elektronischen Datenträgern bedarf der schriftlichen Genehmigung der SANTEC BW AG. Der Nachdruck – auch auszugsweise – ist verboten.

Irrtum und technische Änderungen vorbehalten.

SANTEC ist ein eingetragenes Warenzeichen der SANTEC BW AG. Übrige evtl. genannte Firmen- und Produktnamen sind Warenzeichen oder eingetragene Warenzeichen bzw. Marken der jeweiligen Inhaber.

### Notes on waste disposal

Please respect the local legal regulations on waste if you need to dispose of discarded appliances.



This symbol means that electrical appliances need to be disposed of properly and not simply with unsorted household refuse. Please respect local regulations on waste disposal.

### Copyright

All rights reserved. This publication may not be reproduced, stored in a retrieval system or transmitted, in any form or by any means (electronic, mechanical, photocopying, recording or otherwise), without the written prior permission of SANTEC BW AG. No reproduction of any part or excerpts thereof are permitted.

Errors excepted. Specifications are subject to change without notice for quality improvement.

SANTEC is a registered trademark of SANTEC BW AG. All other companies or products mentioned in this publication are trademarks, registered trademarks or brands of the respective company.

