

SVAT ELECTRONICS
now you can see



Digital Wireless Camera

with Long Range Night Vision Camera

WIRELESS CAMERA



INSTRUCTION MANUAL

Model#:
GX301-C
www.SVAT.com

PRODUCT WARRANTY INFORMATION

Please visit our website at www.SVAT.com
for information about your product's warranty

We take quality very seriously. This is why all of our products come with a one year warranty from the original purchase date against defects in workmanship and materials. If you have warranty or support issues please contact us using any of the following methods:

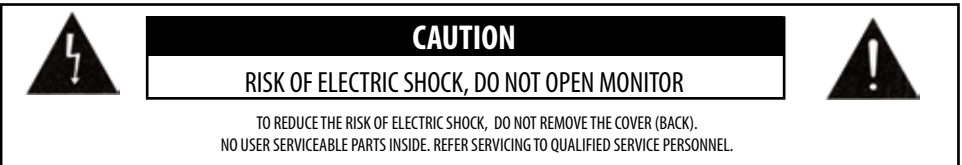
Phone: 1.866.946.7828
Fax: 1.888.771.1701
Email: support@svat.com
Website: www.svat.com

SVAT USA
60 Industrial Parkway
Cheektowaga NY
USA 14227

SVAT CANADA
4080 Montrose Road
Niagara Falls, ON
Canada L2H 1J9

Warranty Terms

1. SVAT products are guaranteed for a period of one year from the date of purchase against defects in workmanship and materials. This warranty is limited to the repair, replacement or refund of the purchase price at SVAT's option.
2. This warranty becomes void if the product shows evidence of having been misused, mishandled or tampered with contrary to the applicable instruction manual.
3. Routine cleaning, normal cosmetic and mechanical wear and tear are not covered under the terms of this warranty.
4. The warranty expressly provided for herein is the sole warranty provided in connection with the product itself and no other warranty, expressed or implied is provided. SVAT assumes no responsibilities for any other claims not specifically mentioned in this warranty.
5. This warranty does not cover shipping costs, insurance, or any other incidental charges.
6. You **MUST** call SVAT before sending any product back for repair. You will be sent a Return Authorization form with return instructions. When returning the product for warranty service, please pack it carefully in the original box with all supplied accessories, and enclose your original receipt or copy, and a brief explanation of the problem (include RA #).
7. This warranty is valid only in Canada and the continental U.S.
8. This warranty cannot be re-issued.



This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

IC NOTE: LOW POWER DEVICES RF

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device."

CLASS B OR A PRODUCTION: This Class [B] digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe [B] est conforme la norme NMB-003 du Canada.

Congratulations on your purchase of the GX301 additional camera! This wireless, audio enabled video camera is compatible with the GX301 series and is an excellent security product for any home or business. With motion detection, microphone, speakers and 18 LEDs, you can be sure that you will never miss an unsuspected guest, no matter how dark it is. So, feel good in knowing that you are secure with your additional GX301 camera allowing you to see and hear everything.

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FEATURES

Digital Wireless Technology

Superior digital frequency with a wireless range of 100ft ensures clear video and audio. The convenience of a digital wireless signal also allows you to set your system up in just a matter of minutes.

Expand Your System

This additional camera is exclusive to any SVAT GigaXtreme 301 series wireless system.¹ Each system can support up to four cameras total, allowing you to keep an eye on more areas of your home or business.

Long Range Night Vision

Eighteen infrared (IR) LEDs let you see in the dark, up to 40ft away!² The LEDs automatically activate when it gets dark, giving you around the clock protection.

Advanced Motion Detection

Sensors within the camera can detect and capture movement which then prompts the GigaXtreme 301 to sound an alarm and start recording.

Weather Resistant Camera

The camera is built with durable aluminum, weather resistant housing³ so you can use it outdoors in almost any weather condition. Use it indoors for monitoring your business, inventory or home.

24/7 Lifetime Live Customer Support

Assistance is available for you whenever you need it. Our customer support team can be reached by phone, email or live web chat services 24/7 so that you will always have access to an expert.

1. *This camera is not compatible with other systems. It is exclusive to the SVAT GX301 wireless system.*
2. *IR illumination range up to 40ft under ideal conditions. Objects at or beyond this range may be partially or completely obscured, depending on the camera application.*
3. *Not for use in direct exposure to water, rain or snow. Although the cameras are water resistant they are not waterproof.*

WHAT'S INCLUDED



Digital wireless Camera



8ft Power Adapter



4 Window Warning Stickers

- Mounting Hardware
- Instruction Manual
- 24/7 Lifetime Live Customer Support
- 1 Year Warranty

For more information visit:

www.SVAT.com

CAMERA



- 1. Pair Button:** Located at the back of the camera, you press this button when pairing the camera and Receiver. For more information, please see "Pairing" on Pg 8
- 2. Antenna:** This removable antenna allows for a stronger signal between the Camera and Receiver
- 3. Camera Housing:** Made of anodized aluminum to prevent rust
- 4. Infrared (IR):** The 18 LEDs allow the camera to see in the dark up to 40ft away
- 5. Camera Lens:** The camera lens is located in the center of the LEDs
- 6. CDS Sensor:** Automatically turns on the infrared LEDs when it gets dark
- 7. Motion Detection:** Detects any motion in front of the camera
- 8. Speaker:** Located under motion detection area (Two way audio compatible with 7" monitor only)
- 9. Camera Mount:** Allows the camera to be desk or wall mounted
- 10. Power connection:** This 3 ft. cord connects to the power adapter

THINGS TO CONSIDER BEFORE INSTALLATION

- The camera should be installed between 8 and 13ft above the area to be monitored
- Ensure that the camera is installed NO MORE than 100 ft away from the receiver's position, this maintains a strong signal between the camera and receiver
- Before securing the mount and camera, ensure there are no obstructions in the camera's view
- Place camera in the most strategic place where it can record detailed video of every visitor. Having the camera in the open for people to see can help deter criminals
- To cover large, dark areas such as backyards, garages, and driveways, place camera in strategic location, such as on the roof or deck, this way more area is covered by the camera
- Ensure that the sunshade is positioned to avoid glare, also be sure to position the camera away from direct sunlight or indoor lighting
- For best results, the light in front of the camera should be about the same brightness as the light around the area or object being monitored
- Decide whether the camera will be wall-mounted, or mounted on a desk/table top. We recommend that the mount is secured using the included screws and hardware for all installations

AVOIDING INTERFERENCE

The GX301 utilizes clear signal technology, meaning that it is designed to avoid the frequencies of common wireless devices. By doing so, the system does not receive interference from any of the standardized 2.4GHz or 5.8 GHz wireless devices within your home or business.

The signal also passes easily through interior walls. However, buildings with metal frames or placing the camera near large metal objects may cause signal interference. If reception is poor, moving the camera and/or receiver closer to one another may fix this problem. Interference is also possible if another device within the building (such as a cordless phone) is operating on the same frequency.



MOUNTING THE CAMERA

- Decide if the camera will be wall-mounted or sitting on a desk/tabletop. The camera can be adjusted for many mounting scenarios by rotating it to the required position.
 - Keep in mind that the camera is microphone equipped. If you would like audio recorded, make sure the camera within a close enough range of the area being monitored to record any sounds (within 6 ft)
 - Be sure to mount the camera no further then 100ft away from your receiver
 - Be sure to mount the camera no further then 8ft away from a power source
- Screw the mounting bracket into the camera's mounting hole, turning it clockwise.
- Ensure that the camera is strongly secured into the wall.
- Adjust camera to the desired viewing angle.
- For additional help with mounting the camera, please see the drilling template, located at the back of the manual.
- Once you have mounted the camera and placed it at the desired viewing angle, plug the cameras power adapter (marked for camera) into the cord on the camera and then plug the adapter into a power source. (A surge protected power source is recommended.)
- Repeat the above steps for all additional cameras.

Note: The above photos are examples of mounting a camera, your camera will look different from the above images.

Adjust camera to desired viewing angle



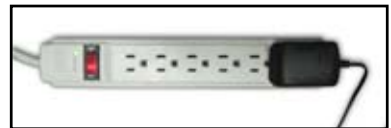
Ensure the camera is secure



Plug power adapter into Camera's cord



Plug into Surge Protected power source



Pairing the Camera and Receiver will be necessary if the camera and Receiver do not automatically pair.

To pair the Camera and Receiver:

1. On the receiver, press the menu button.
2. Using the arrow buttons, scroll to "Pairing" and press OK.
3. A list of camera channels will appear numbered Camera 1 – Camera 4. If you purchased additional cameras or your kit came with additional cameras, you will need to use a different channel for each additional camera.
4. Select the camera channel you would like to pair your camera to and press OK.
5. A screen will appear counting back from 30 seconds.
6. Within that 30 seconds, use a pin or small screwdriver to press the pairing button on the back of the camera that you are pairing to the receiver.
7. The camera and receiver will then pair and you will see the cameras views appear on screen.
8. If you purchased additional cameras or your kit came with additional cameras repeat the above pairing steps using different camera channels for each additional camera.

Select Camera



Press pair button



30 Seconds to pair



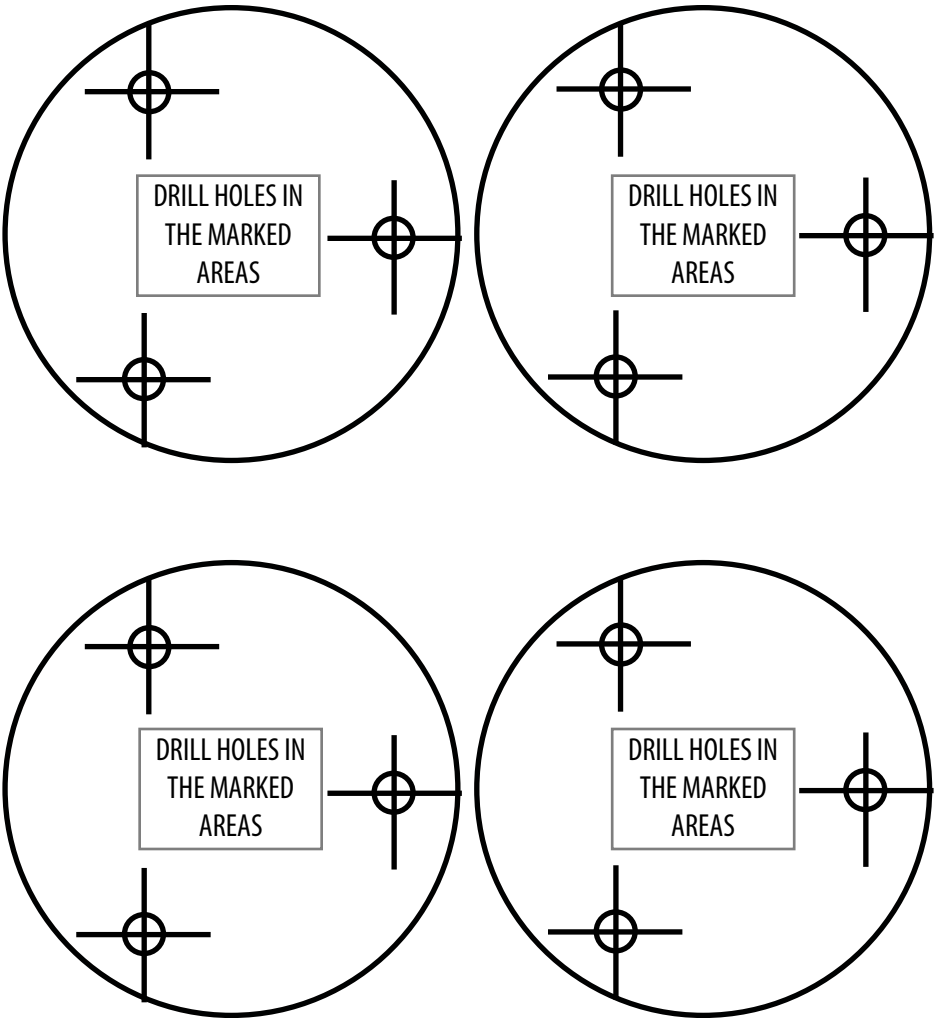
<p>No Picture/Signal</p>	<ul style="list-style-type: none"> • Make sure all the connections are secure and properly connected • Make sure your receiver is plugged into a power source from the 9VDC input the back • Make sure there is nothing obstructing the view of the camera • Try re-pairing the camera and monitor
<p>Picture too Bright/Dark</p>	<ul style="list-style-type: none"> • The night vision comes on automatically when the light levels drop; try the camera in a pitch black setting. The area that the camera is in may get too much light to activate the sensor • Try adjusting the brightness settings on your receiver
<p>No Audio</p>	<ul style="list-style-type: none"> • Make sure nothing is interfering with the microphone on the camera (within 6ft) • Make sure whatever you are trying to hear is close enough to the microphone on the camera • Disconnect and reconnect the wires from the camera and the receiver to make sure they are secure • Try re-pairing the camera and receiver • Try adjusting the volume on the monitor that the receiver is plugged into • Ensure that the camera volume is turned up using the remote • Ensure that the AV cord is connected to the proper connections on the receiver and on the monitor that the receiver is connected to
<p>Buttons are not working</p>	<ul style="list-style-type: none"> • The buttons do not work in quad screen mode, ensure you are viewing full screen • Make sure the button lock function (on the front of the receiver) is not switched on
<p>Devices are not pairing</p>	<ul style="list-style-type: none"> • Ensure that the camera and receiver are within 100ft of each other • Try moving the devices closer together, sometimes walls/other obstructions can get in the way of the camera and receiver's signal • Ensure that both devices are connected to a proper power source
<p>Night Vision not Working</p>	<ul style="list-style-type: none"> • The night vision comes on automatically when the light levels drop; try the camera in a pitch black setting. The area that the camera is in may get too much light to activate the sensor
<p>I am getting a "No Signal" message</p>	<ul style="list-style-type: none"> • Try re-pairing the camera and receiver • Make sure there is nothing obstructing the view of the camera • Make sure the camera and receiver are within 100 ft from one another
<p>Footage not recording</p>	<ul style="list-style-type: none"> • Adjust what recording setting you are set to • Make sure SD card is completely in the receiver • Make sure SD card is not full and that overwrite function is turned on • Make sure SD card is not locked by adjusting the tab on the side of the card
<p>Remote not working</p>	<ul style="list-style-type: none"> • Ensure that the remote control has batteries inserted into it and that those batteries are not dead • Try plugging the IR sensor in • Try using the remote control closer to the receiver

Image sensor	1/4" Cmos Color
Outdoor use	Yes
IP Rating	IP56
Maximum Wireless Range (Line of Sight)	300ft
Optimum Wireless Range (Line of Sight)	100ft
Wireless Frequency	2400~2483.5Mhz
Wireless Channel Frequencies	Hopping frequency
Resolution	360 TV Lines
Night Vision	Yes
Number of IR LEDs and Range	18, up to 40ft
IR LED control	Automatic (CDS Sensor)
IR Cut Filter	Yes
Min. Illumination	0 lux
Viewing Angle	62 degree
TV System	NTSC
Focal Length	4.5mm
Focus Type	Fixed Focus
Optimal Focal Distance	20ft
Microphone	Yes
Motion Detection	Yes, triggers audio alarm
Sun Shield	Yes, not adjustable
Housing Material	Aluminum & ABS
Housing Color	Silver
Electronic shutter speed	1/60 ~ 1/15,000 sec
Signal/Noise Ratio	>48dB
Camera Bracket	Yes
Operating Temperature	14°F ~ 104°F
Operating Humidity	85%
Mounting Hardware	Included
Camera Power Input	9VDC 600mA
Power Adapter Input	AC 100~240 50/60 Hz
Dimensions	5.25" x 4.75" x 2" (With Stand)
Weight	0.75 lbs

A large, vertically oriented rectangular area with rounded corners, enclosed by a dark grey border. The interior of this area is filled with horizontal blue lines, spaced evenly, providing a template for writing notes.

A large, vertically oriented rectangular area with rounded corners, enclosed by a dark grey border. The interior of this area is filled with horizontal blue lines, spaced evenly, providing a template for writing notes.

Cut along the dotted line for a drilling template.



VISIT US ON THE WEB!

- ▶ Product Information
- ▶ User Manuals
- ▶ Additional Accessories
- ▶ Specification Sheets
- ▶ Software Updates
- ▶ Firmware Upgrades

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Disclaimer

SVAT does not endorse the use of any SVAT products for illegal activities. SVAT is not responsible or liable in any way shape or form for any damage, vandalism, theft or any other action that may occur while a SVAT product is in use by the consumer.

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