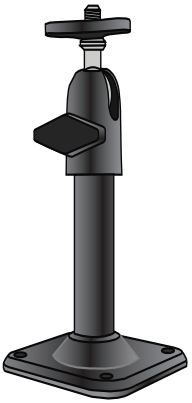
1-855-778-9789

GC45 AND GC45W ACCESSORY CAMERA USER'S MANUAL

WHAT'S IN THE BOX

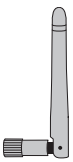
GC45 or GC45W video camera



Camera stand

AC adapter

Four Wall Anchors and screws (Not Shown)



Camera antenna

If any items are missing or damaged, contact our Customer Care Line immediately. Never use damaged products!

Need Help? Get answers 24/7 at our website: www.uniden.com.

If You...	Contact Uniden's...	Phone Number
have a question or problem	Customer Care Line*	817-858-2900 or 800-658-8068
need a replacement part or accessory	Parts Department*	800-554-3988
need special help due to a disability	Accessibility Help Line	800-874-9314 (voice or TTY)

* During regular business hours, Central Standard Time. Visit our website for detailed business hours.

Important Safety Instructions!

This manual contains important information about this product's operation. If you are installing this product for others, you must leave this manual or a copy with the end user.

When using your equipment, always follow basic safety precautions to reduce the risk of fire, electric shock and injury to persons, including the following:

- This equipment is NOT waterproof.
- DO NOT immerse any part of the product in water. Do not use this product near water, e.g., near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
- To avoid any risk of electric shock from lightning, avoid handling any electronic devices (except battery powered ones) during an electrical storm.
- Use only the power cord and/or batteries indicated in this manual. Never dispose of any batteries in a fire: they may explode. Check with local codes for possible special disposal instructions.
- Never tug or pull on any power cord: be sure to leave some slack in the cord when placing your equipment, and always use the plug to unplug cord from the wall outlet.
- Never leave power cords where they can become crushed, cut, or frayed; when running power cords, avoid letting them rub against any sharp edges or lie across any high traffic areas where people might trip over them.
- Do not use the device if the adapter cords or plugs have been damaged, the unit has been exposed to liquids, or the unit has been dropped or is damaged.

Warnings to Parents and Other Users

Failure to follow these warnings and the assembly instructions could result in serious injury or death. This product is not designed or intended for use as a medical monitor, nor should this product be used as a substitution for medial or parental supervision. Always be sure that both the transmitter and receiver are working properly and are within range of each other.

- STRANGULATION HAZARD. Keep the adapter cords out of the reach of children.

- WARNING: KEEP OUT OF THE REACH OF CHILDREN. This product is not a toy and is not intended for use by any children under the age of 13. If you are between the ages of 13 and 18, review these terms, conditions and safety warnings with your parents or guardian to make sure that you and your parent or guardian understand these terms, conditions, and safety warnings.
- Allow for proper ventilation when units are in use. Do not cover the camera or receiver with any object such as a blanket. Do not place it in a drawer or in any location which would muffle the sound or interfere with the normal flow of air.

SAVE THESE INSTRUCTIONS!

For best results:

To avoid damage to your equipment, follow these simple precautions:

- Do not drop, puncture or disassemble any part of the equipment. There are no user-serviceable parts inside.
- Do not expose the equipment to high temperatures; avoid leaving the equipment in direct sunlight for more than a few minutes. Heat can damage the case or electrical parts.
- Do not place heavy items on top of the equipment or expose the equipment to heavy pressure.
- Remove the power adapter during long periods between usages.
- Clean only with a dry cloth.

Failure to follow the instructions in this operating manual will void the warranty. Uniden assumes no liability for damages to property or injury to persons caused by improper handling or failure to comply with these safety instructions.

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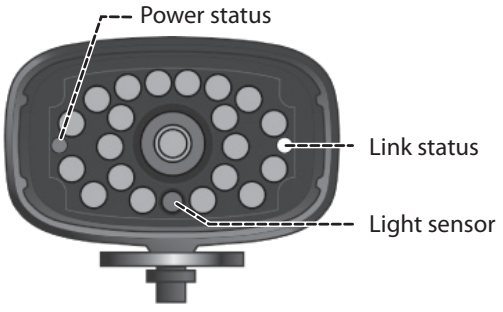
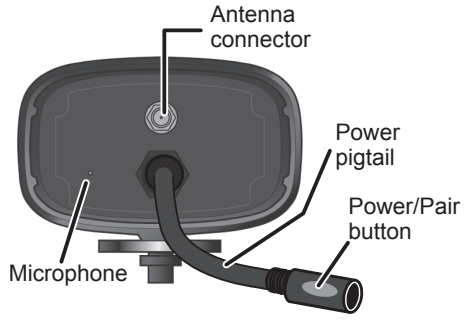
GETTING TO KNOW THE CAMERA

CAMERA COMPONENTS AND INDICATORS

Front view



Back view



WHAT THE LIGHTS MEAN

Light	State	What it means
Power status	On (Red)	The camera is on.
	Off	The camera is off.
Link status	Flashing	The camera is in pairing mode.
	On (Green)	The camera is connected to the receiver.
	Off	The camera is in standby.

MOUNT THE CAMERA STAND

GENERAL GUIDELINES

The Uniden Guardian GC45 and GC45W cameras are weatherproof and have an IP66 rating. Water can be sprayed on them and they will still work; however, the cameras cannot be submerged underwater.

Although the cameras can be exposed directly to the rain, it is recommended that, if they are used outdoors, they be mounted under some type of cover like a patio overhang or eave. As rainwater drops start to dry on the camera glass, it can create spots that will reflect the light from the infrared LEDs used for night vision, thus causing lower quality video.

Also, as dust, grime, and cobwebs accumulate on the camera glass, they can reflect light from the infrared LED and might lower video quality. Periodically clean the lens glass with a soft cloth.

PLACEMENT CONSIDERATIONS

Consider the following when placing cameras:

- The clearest line-of-sight between the camera and monitor is best.
  - Walls, especially brick and concrete, shorten the transmission distance.
  - Placement next to windows allows better transmission.
- Optimized motion detection range is 6 - 18 feet for the GC45 camera. The farther away an object is, the less accurate the motion detection.
- Avoid having a direct light source in the view of the camera, including street lights, ceiling or floor lamps, spotlights in the driveway, etc.

- Rainfall, pool water ripples/reflections, tree/shrub leaves blowing in the wind - and the shadows they create - can generate motion detection false alarms.

You can mount the camera with the stand on the bottom (on a wall or table-top) or on the top (on the ceiling). When you are positioning the camera, you might want to bring the receiver along; it's much easier to get the camera into the right position when you have the display handy.

1. Hold the base of the camera stand where you want to mount it and mark the location of the screw holes.
2. Use the included screws and anchors to attach the base to the wall or ceiling.

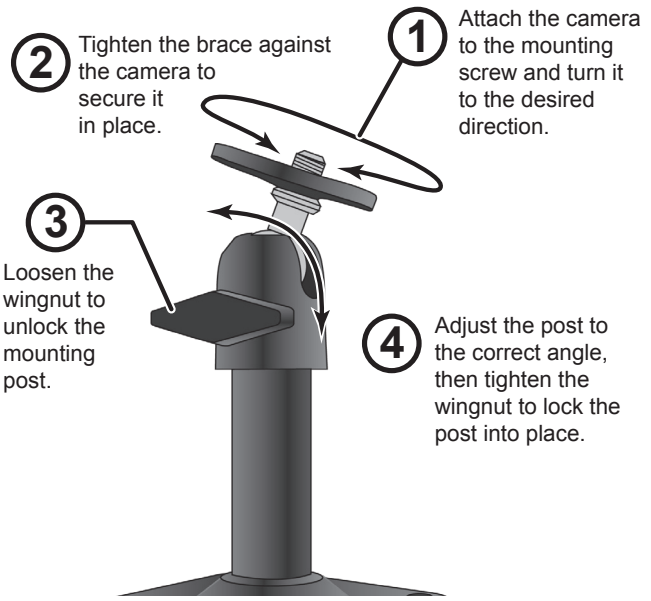
ATTACH THE CAMERA

Before attaching the camera, tug gently on the stand to make sure it is securely in place.

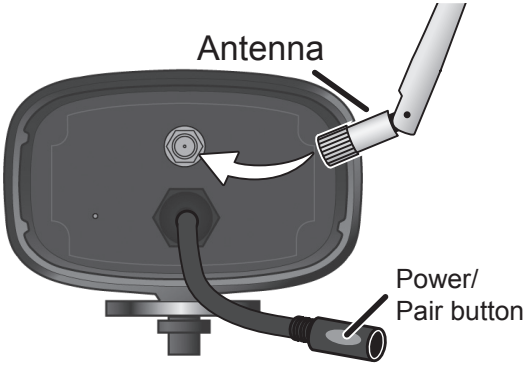
1. For each camera, attach the camera bracket to the mounting screw. You can attach the stand to the top or the bottom of the camera as needed. Tighten it a few turns, then turn the camera to face the direction you want.
2. Tighten the camera brace up against the camera to secure it into place.
3. Unlock the mounting post by turning the wingnut to the left a few turns.
4. Set the mounting post to the correct angle, then tighten the wingnut until the post is locked into place.
5. Attach the antenna to the rear of the camera.

6. Connect one end of an AC adapter to the camera's power pigtail and plug the other end into a 120 volt AC (standard indoor) power outlet (if necessary, connect the extension cord to the camera's pigtail and connect the AC adapter to the extension cord).

   Be sure the power plug and the connector are tightly twisted together to avoid water leaking in.



7. Make sure the *Power status* light turns on. If it doesn't, try reconnecting the AC adapter, and make sure the power outlet isn't controlled by a wall switch.



PAIRING CAMERAS

Your receiver supports a total of four active cameras at a time. When you add a camera, you have to pair it to the receiver (that is, you have "introduce" the camera and receiver so they can communicate).

SOME THINGS TO KNOW ABOUT PAIRING CAMERAS

- If a camera is already assigned to the selected channel, the receiver overwrites that camera link with the new one.
- Only pair one camera at a time! The receiver links to the first camera it detects. If two or more cameras are in pairing mode, you can't control which camera the receiver will detect first.

PAIR CAMERA

1. From the *Pairing Camera* screen (refer to the G455/G755 Owner's Manual), tap the camera image you want to pair. A processing icon displays for a 60 second countdown.
2. During the 60 second countdown, quickly press and release the Pairing button on that camera's power cord (refer to the G455/G755 Owner's Manual).
3. The system automatically adjusts the *Camera On* screen accordingly.

   If you have any trouble, consult the table on page 10.

   Use this Pairing Camera procedure to move a camera from one channel to a different channel.

TROUBLESHOOTING CAMERA PAIRING

Consult the following table for camera pairing troubleshooting suggestions:

If...	Try...
the camera's signal status icon shows no bars	• making sure the camera is plugged in and the red LED is on. • making sure that the camera's antenna is attached and the receiver's antenna is extended. • making sure the camera is paired to the correct channel • re-pairing the camera and receiver
the camera's signal status icon shows one or two bars or the video quality is poor	Refer to the G455/G755 Owner's Manual, "General Guidelines" for tips on improving video quality.
the camera won't pair with the receiver	• making sure the camera is plugged in and the red LED is on. • pressing and releasing the pairing button quickly. Do not press and hold the pairing button.

PRODUCT SPECIFICATIONS

The following specifications apply to both the GC45 and GC45W cameras.

Radio Frequency Transceiver	
RF Frequency	2.4 GHz
Modulation	GFSK
Spread spectrum	Frequency Hopping
Anti Interference	Clean Channel Dynamic Select
Selectable camera channel	4
Data rate	2 Mbps
Transmitting range	500 feet (152 meters) in an open area (line of sight)

Image Specification	
Output Image resolution	480 X 272/ 320 x 240 (QVGA)
Image processing	H.264
Exposure	Auto
White balance	Auto

Camera Specifications	
Weight	13 oz (370 g)
Dimension	5.94 x 2.9 x 1.9” (151 x 74 x 49 mm)
Operating temperature	+14° F (-10° C) to 122° F (+50° C)
Input voltage	100-240 V AC @ 60 or 50 Hz
Operating voltage	5 V DC @ 1 Amp
Power consumption	650 mA max
Low light solution	20 IR LEDs, 1 Low light sensor
Low light sensitivity	1-8 lux

Camera Specifications	
Picture sensor	OV7725 1/4’ Color CMOS
Lens	F3.6mm H:53 V:40

ADDITIONAL INFORMATION

Recycling and Disposal Information

- Do not dispose of electronic devices or any of their components (especially batteries and LCD displays) in your municipal trash collection.
- Consult your local waste management authority or a recycling organization like Earth911.com to find an electronics recycling facility in your area..
- If you are unable to locate proper recycling facilities in your area, please return this product to Uniden for recycling.

FCC Compliance Information

Part 15 Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subjected 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.

This equipment has been tested and found to comply with limits for a Class B digital device, pursuant to Part 15 of the FCC rules and ETSI (EN) 300328. These limits are designed to provide reasonable protection against harmful interference in residential installations. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television equipment reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Move the equipment away from the receiver.

- Plug the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for additional suggestions.

CAUTION! Any changes or modifications to this equipment not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

RF Exposure Information

The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm (7.9") from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

IC Compliance Information

Radio Equipment Notice

The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. "Privacy of communications may not be ensured when using this device".

CE Compliance Information

Products with CE Marking comply with EMC Directive (2004/108/EC); Low Voltage Directive (73/23/EEC); R&TTE(1999/5/EC) issued by the Commission of the European Community. Compliance with these directives implies conformity to the following European Norms:

- EMC: EN 301 489
- LVD: EN 60950
- Radio: EN 300 328

One-year Limited Warranty

Important: Evidence of original purchase is required for warranty service.

WARRANTOR: Uniden America Corporation (“Uniden”) ELEMENTS OF WARRANTY: Uniden warrants, for one year, to the original retail owner, this Uniden Product to be free from defects in materials & craftsmanship with only the limitations or exclusions set out below.

WARRANTY DURATION: This warranty to the original user shall terminate & be of no further effect 12 months after the date of original retail sale. The warranty is invalid if the Product is (A) damaged or not maintained as reasonable or necessary, (B) modified, altered, or used as part of any conversion kits, subassemblies, or any configurations not sold by Uniden, (C) improperly installed, (D) serviced or repaired by someone other than an authorized Uniden service center for a defect or malfunction covered by this warranty, (E) used in any conjunction with equipment or parts or as part of any system not manufactured by Uniden, or (F) installed or programmed by anyone other than as detailed by the owner’s manual for this product.

STATEMENT OF REMEDY: In the event that the product does not conform to this warranty at any time while this warranty is in effect, warrantor will either, at its option, repair or replace the defective unit & return it to you without charge for parts, service, or any other cost (except shipping & handling) incurred by warrantor or its representatives in connection with the performance of this warranty. Warrantor, at its option, may replace the unit with a new or refurbished unit.

THE LIMITED WARRANTY SET FORTH ABOVE IS THE SOLE & ENTIRE WARRANTY PERTAINING TO THE PRODUCT & IS IN LIEU OF & EXCLUDES ALL OTHER WARRANTIES OF ANY NATURE WHATSOEVER, WHETHER EXPRESS, IMPLIED OR ARISING BY OPERATION OF LAW, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OR PAYMENT OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow this exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

LEGAL REMEDIES: This warranty gives you specific legal rights, & you may also have other rights which vary from state to state. This warranty is void outside the United States of America & Canada.

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY: If, after following the instructions in the owner's manual you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). Disconnect the battery from the Product & separately secure the battery in its own separate packaging within the shipping carton. The Product should include all parts & accessories originally packaged with the Product. Include evidence of original purchase & a note describing the defect that has caused you to return it.

The Product should be shipped freight prepaid, by traceable means, to warrantor at:

Uniden America Service
4700 Amon Carter Blvd. Fort Worth, TX 76155

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