

Uniden®

ULC58 Owner's Manual



For use with -
UDR777HD
UDR780HD

© 2016 Uniden America Corporation
Irving, Texas

Issue 1, July 2016
Printed in China

CUSTOMER CARE

At Uniden®, we care about you!

If you need assistance, please do NOT return this product to your place of purchase. Quickly find answers to your questions by:

1. Reading your owner's manual, included with this product.
2. Visiting our customer support website at www.uniden.com.

Uniden surveillance products are not manufactured and/or sold with the intent to be used for illegal purposes. Uniden expects customers' use of these products to be in compliance with all local, state, and federal law. For further information on video surveillance and audio recording legal requirements, please consult your local, state, and federal law.

© 2016. All rights allowed by law are hereby reserved.

IMPORTANT SAFETY PRECAUTIONS

⚠ 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:

- The camera has an IP65 weather rating. Water can be sprayed on them and they will still work; however, the cameras cannot be submerged underwater.
- Although the camera can be exposed directly to the rain, it is recommended that, if it is used outdoors, it should 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.
- 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 indicated in this manual.
- 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 the power cord where it can become crushed, cut, or frayed; when running power cords, avoid letting it rub against any sharp edges or lie across any high traffic areas where people might trip over it.
- Do not use the device if the adapter cord or plug has been damaged or if the camera 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 medical 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, and 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.

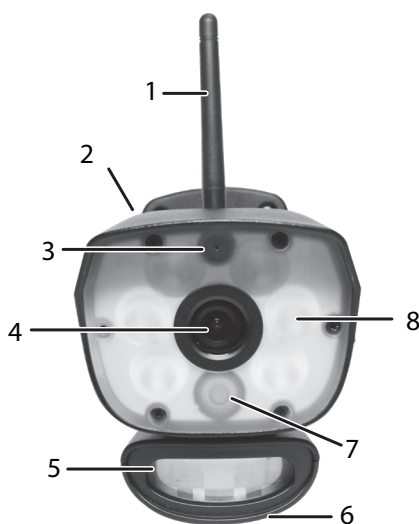
ULC58 LIGHT CAMERA

The ULC58 Light Camera is an accessory camera for either the UDR777HD or UDR780HD systems.

WHAT'S IN THE BOX

- Digital Wireless Camera with stand (1)
 - AC Adapter for Camera (1)
 - Mounting screws and anchors (1 set)
 - Antenna (1)
 - Owner's Manual (1)
- ☞ If any items are missing or damaged, visit our website for assistance - www.uniden.com.

PARTS OF THE CAMERA



| No. | What it does |
|-----|--|
| 1 | Camera Antenna: Sends and receives signals to/from the monitor. |
| 2 | Pair Button: The pair button is located on the back of the camera. It is used to pair the camera with monitor. |
| 3 | Microphone: Transmit audio to monitor. |
| 4 | Camera Lens: Catches the video in front of the lens and transmits video from camera to monitor. |
| 5 | PIR Sensor: Detects motion in front of the lens and emits detection signal to transmitter. |
| 6 | Speaker: Produces the sound transmitted from the monitor. |
| 7 | IR LED: Infrared LED improves viewing in low/no light conditions. |
| 8 | 6 white LEDs turn on when motion is detected or when a preset time range begins. |

☞ This camera includes an auto mechanical IR cut filter. An audible clicking sounds when the camera changes between day and night modes.

SET UP THE ULC58 CAMERA

Basic steps to install and set up the ULC58 camera are:


1. Update the UDR system firmware for the ULC58 camera.
2. Pair the ULC58 camera to the UDR system.
3. Install the ULC58 camera.
4. Set ULC58 camera parameters.

UPDATE MONITOR FIRMWARE FOR ULC58

Go to www.uniden.com and search for the ULC58 product page. Follow the instructions to update your monitor.

1. Eject the SD card from the monitor.
2. Insert the SD card into the SD card adapter (included) and then insert it into your PC. If your PC does not have an SD card slot, you will need to use an SD card to USB adapter (not included).
3. Go to www.unidenvideo.com.
4. Copy UDR780HD firmware to the SD card.
5. Remove the SD card and reinsert it into the monitor.
6. From *General Settings*, tap *Firmware Upgrade/From SD Card*. The UDR780HD reboots and upgrades the firmware. After the upgrade is complete, a Light Settings tab replaces the Playback tab.

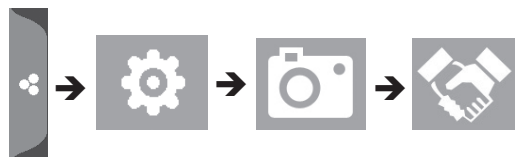


Once you add the ULC58 camera to your system, you need to access the Playback screens differently. Tap the SD Card icon (). The *Recording File List* screen displays. See the UDR780HD Owner's Manual for details.

PAIR ULC58 TO UDR SYSTEM

Pair the camera to the monitor before you install it. Once the camera is paired, the monitor displays live video from it. This live video will help you position the camera for the best viewing angle.

Tap the following icons as they appear on the monitor screens:



This screen should display:



1. Attach the camera's antenna and plug the camera into power.
2. Tap *Pairing* on the *Camera Setup* screen.
3. Tap the channel number you want to pair the camera to.
4. A message displays with instructions to press the **PAIR** button on the camera. A 30-second countdown begins. Press and release the **PAIR** button on the back of the camera (see page 5).
- ⓘ You must press the PAIR button on the back of the camera during the 30-second countdown; otherwise, the camera will not be paired.
5. The system displays live video 3 seconds after the camera is successfully paired.

INSTALL THE ULC58

When you are positioning the camera, bring the monitor along; it's much easier to find the best viewing angle when you have the display handy.

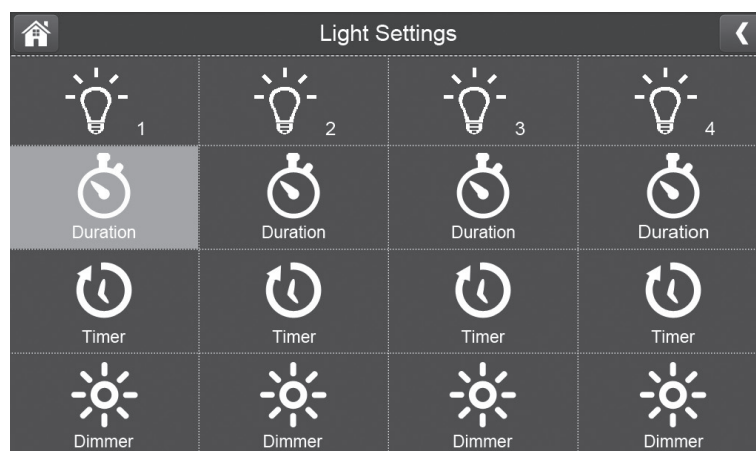
ⓘ The monitor's battery will last about 2 hours on its own.

1. Position the camera where you want it, plug it into power, and check video on the monitor. Move the camera if the view is not what you want.
2. Hold the base of the camera stand where you want to mount it and mark the location of the screw holes.
3. Use the included screws and anchors to attach the base to the wall or ceiling.
4. Tug gently on the stand to make sure it is securely in place.

SET ULC58 PARAMETERS

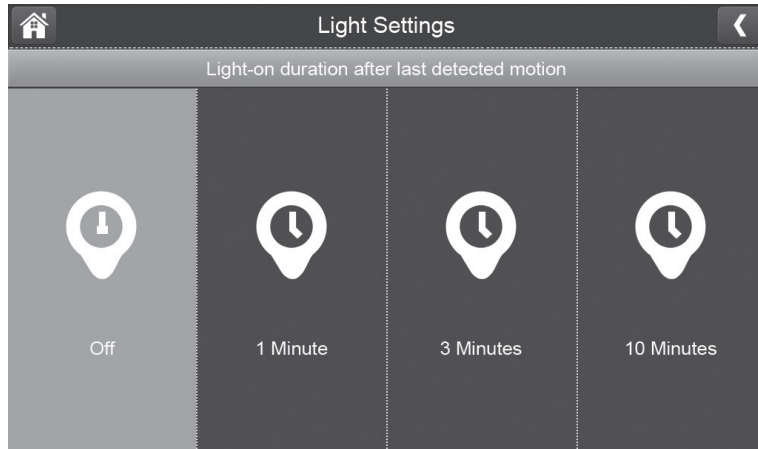
The *Light Settings* on the main screen tab lets you:

- Set how long the light will be on once it is activated
- Set a timer for the light to be on during a specified time period
- Dim the light intensity



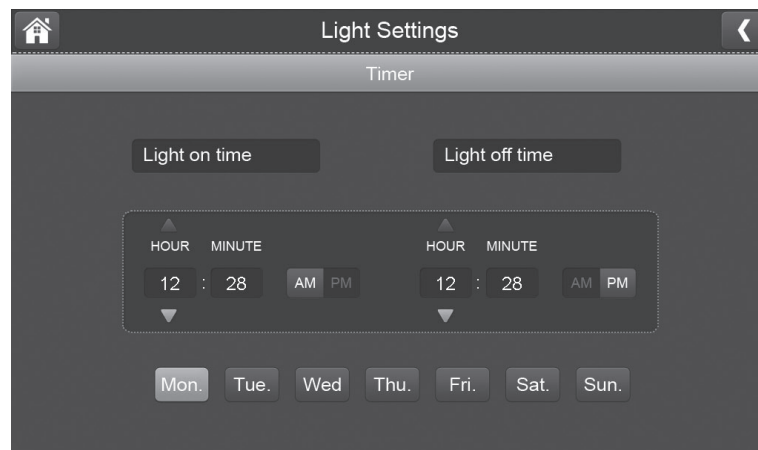
Duration

The Duration option allows you to set the length of time the light stays on after it is triggered. Options are 1, 3, or 10 minutes, or Off.



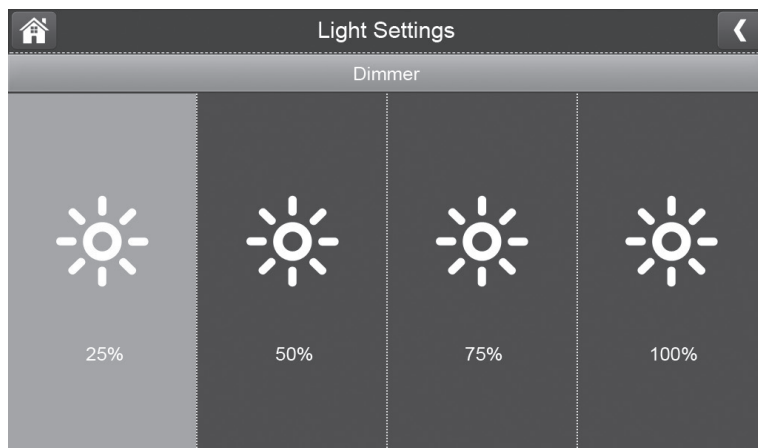
Timer

The Timer option lets you set a start and end time for the light camera to turn itself on and off.



Dimmer

The Dimmer option lets you set how strong the LED lights will display. Options are 25%, 50%, 75%, and 100%.



PRODUCT SPECIFICATION

| Camera Specifications | |
|--|--|
| Image Sensor | 1/2.7 inch FHD Single chip CMOS Image Sensor |
| Effective Pixel Area | 1920 (H) x 1080 (V) |
| Image Processing Format | H.264 |
| Image Resolution / Frame Rate | Full High Definition 1080p (FHD) @10fps / High Definition 720p @ 24fps |
| Lens | 3.6mm F1.8 |
| Low Light Resolution | <8~15 lux IR on |
| Low Light Solution | 1 SMT IR LED, 1 low light sensor |
| Night Vision | Up to 30 feet |
| IR cut filter | Yes |
| Viewing Angle / Field of View | 92° |
| Automatic Gain Control | Auto |
| Automatic Electric Shutter (AES) Speed | 1/10 ~ 27/100 Second |
| White Balance | Auto |
| Power Requirement | 9V 2A DC +/-10% |
| Power Consumption | 1680mA Max (with IR LED and white LEDs on) |
| Operating Temperature Range | +14° F to 122° F (-10° C to +50° C) |
| Operating Humidity Range | 0%~ 85% |
| Dimensions | 8.3 x 3.2 x 3.6 in (211 x 82 x 93mm) |
| Environment Rating | IP65 |
| RoHS Compliance (Hazardous Substances) | Yes |
| FCC ID | SJ8ULC58 |
| IC ID | 7644A-U LC58 |
| Camera Housing Material | Metal |

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.

FCC Compliance Information

FCC Part 15 Compliance

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.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Avis de conformité à la FCC : Ce dispositif a été testé et s'avère conforme à l'article 15 des règlements de la Commission fédérale des communications (FCC). Ce dispositif est soumis aux conditions suivantes: 1) Ce dispositif ne doit pas causer d'interférences nuisibles et; 2) Il doit pouvoir supporter les parasites qu'il reçoit, incluant les parasites pouvant nuire à son fonctionnement.

Tout changement ou modification non approuvé expressément par la partie responsable pourrait annuler le droit à l'utilisateur de faire fonctionner cet équipement.

IC Compliance

This device complies with Industry Canada license-exempt RSS standard(s). 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.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Cet appareil est conforme aux normes RSS exemptes de licences d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférences nuisibles et (2), il doit pouvoir accepter les interférences, incluant celles pouvant nuire à son fonctionnement normal.

Tout changement ou modification non approuvé expressément par la partie responsable pourrait annuler le droit à l'utilisateur de faire fonctionner cet équipement.

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
C/O Saddle Creek
743 Henrietta Creek Rd. , Suite 100
Roanoke, TX 76262

IC Caution:

IC Note : Cet appareil est conforme à la Partie 15 des règlements de la FCC et aux normes RSS de l'Industrie du Canada. Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer des interférences nuisibles, et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences qui peuvent provoquer un fonctionnement indésirable.

Le fabricant n'est pas responsable des toutes interférences radio ou télévision causées par des modifications non autorisées apportées à cet appareil. De telles modifications peuvent empêcher l'utilisateur d'utiliser l'appareil.

FCC Note:

This device complies with Part 15 of the FCC rules and Industry Canada license-exempt RSS standard(s). 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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. 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 harmful interference to radio or television 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.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

le dispositif de a été évalués à répondre général rf exposition exigence.pour maintenir la conformité avec les directives d'exposition aux rf, ce matériel doit être installé et exploité à une distance minimale de 20 cm entre le radiateur et votre corps.