

## Important Battery Information

- Only use Alkaline or Lithium batteries. We recommend the use of Energizer batteries.
- Do not mix old and new batteries. Always replace ALL the batteries at the same time.
- When the camera is not in use, please remove the batteries.

## Moultrie Limited Warranty

This product has been thoroughly tested and inspected before shipment. It is guaranteed from defects in material and workmanship from the date of purchase for 2 years. Under this limited guarantee we agree to replace or repair free of charge any part or parts which have been found to be defective in original material or workmanship. Should you require in-warranty service, call our Customer Service Department. If your problem cannot be addressed over the telephone, we may need you to send us your defective product plus proof of purchase.

You must register your camera at [www.moultriefeeders.com/warranty](http://www.moultriefeeders.com/warranty) to activate your 2-year warranty.

## Troubleshooting

Please visit [www.moultriefeeders.com/contact-us](http://www.moultriefeeders.com/contact-us) for troubleshooting and helpful tips.

## Returns and Repairs

Please visit <http://www.moultriefeeders.com/return-policy> and complete the form or our Service Department will gladly answer any questions you have. Call 800-653-3334, Monday - Friday, 8:00 AM to 5:00 PM CST.

## FCC Statements



## Premise Pro

Note: changes and modifications not expressly approved by the party responsible could void the user's authority to operate this device.

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.

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.

NOTE: This device complies 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 device 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 device 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.



[www.moultriefeeders.com](http://www.moultriefeeders.com)

PRADCO Outdoor Brands • 3280 Highway 31, Ste B • Calera, AL 35040

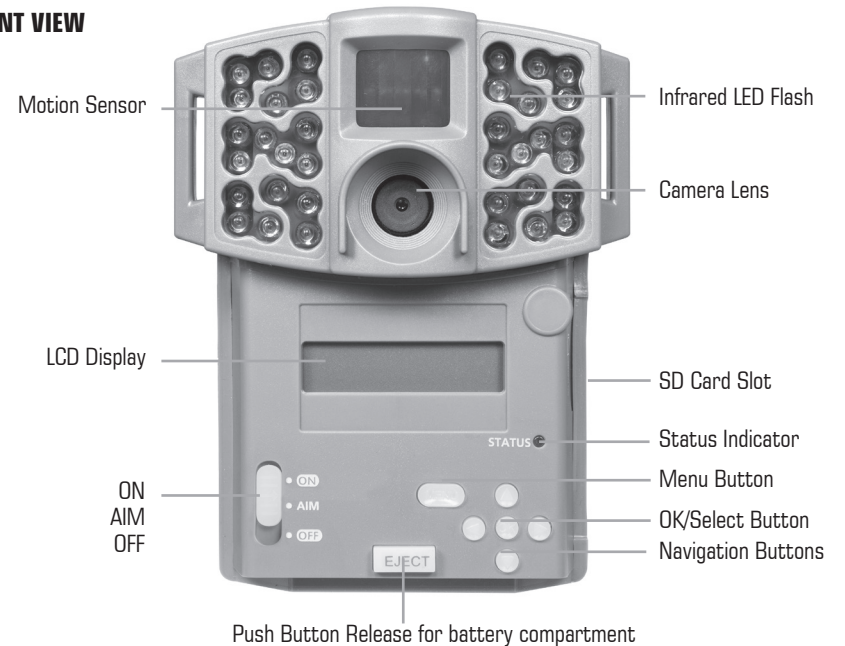
11232015 / MCS-13070

# TRACE Instructions for PREMISE PRO Digital Surveillance Camera

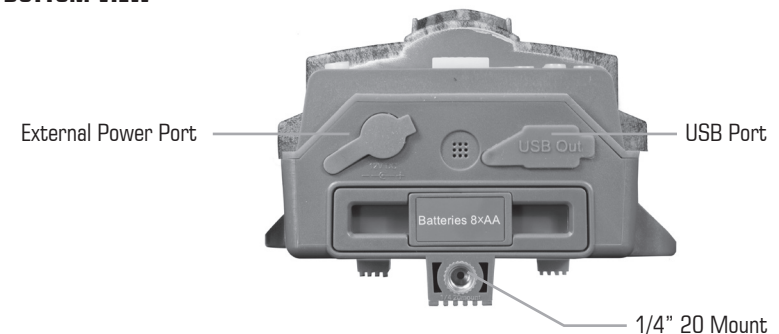
THANK YOU for your purchase of the PREMISE PRO Digital Surveillance Camera. Please read this booklet before using the unit. If you should have any questions about this product or any other Moultrie product, please contact us using the information on the back of this booklet. Please register your camera at [www.moultriefeeders.com/warranty](http://www.moultriefeeders.com/warranty) to activate your 2-year warranty.

## A CAMERA OVERVIEW

### FRONT VIEW



### BOTTOM VIEW



## A CAMERA OVERVIEW (cont.)

### OFF / AIM / ON

**Aim** - When Aim is ON and the PIR sensor detects motion, the red LED on the front of the camera will come on for 1 second and then shut off.

### MENU BUTTON

The Menu Button selects Camera Setup or Main Screen. When camera mode is selected, the LEFT and RIGHT buttons navigate through the menu options. The Menu Button is also used to wake-up the camera and turn on the display when the camera is in power saving (or sleep) mode.

### OK, UP/DOWN and LEFT/RIGHT BUTTONS

The OK button selects the item to be changed. The UP/DOWN and LEFT/RIGHT buttons are used to step through and modify the menu options. Pressing the OK button again, selects the option indicated on the display. The OK button is also used to manually take a picture.

### BATTERY COMPARTMENT

The camera is powered by eight (8) AA alkaline or lithium batteries. Push the battery compartment release button to eject the battery tray. Install batteries as indicated on the engravings on the battery tray, taking care to note the correct polarity.

See Important Battery Information section on the back page of this manual.

### SD CARD SLOT

Accepts up to a 32GB SD Card (Class 4 or higher) for photo and video storage.

**NOTE:** A Class 4 or higher SD Card must be installed for the camera to operate (sold separately).

### USB PORT

Download still pictures and video onto your computer by connecting a micro-B to USB cable (not included) to the USB port.

### EXTERNAL POWER PORT

Accepts the Moultrie PowerPanel, Moultrie AC Adapter or Moultrie Battery Box accessories (sold separately) only. Refer to [www.moultriefeeders.com](http://www.moultriefeeders.com) for more information.

**NOTE:** The use of any other power source will void your warranty and possibly harm your camera.

## H MOULTRIE ACCESSORIES (Sold Separately)

### Moultrie Mobile® Compatibility

Your camera is compatible with our Moultrie Mobile® cellular service when combined with the Field Modem MV1.

Please visit [www.moultriemobile.com](http://www.moultriemobile.com) for more information.

**NOTE:** Camera firmware update may be required for full Moultrie Mobile functionality.



### Using the Moultrie AC Adapter

Keep your Moultrie camera running in the field with the constant power of an AC adapter. Plug into a standard 110-240VAC 50-60Hz electrical outlet and then connect to the External Power Port on your Moultrie camera.

**Note:** Leave internal batteries in the camera during use. In the event of power loss to the outlet into which the AC adapter is plugged, the internal batteries will keep your camera running.



### Using the Moultrie Camera Power Panel

Place near the tree where the camera is mounted. Place for best exposure to sun. To attach to a tripod secure the power panel to the tripod angled upward for best exposure. Plug the power panel to the Power Panel Plug. This will extend the life of your camera in the field.

**Note:** Leave internal batteries in the camera during use. The Camera Power Panel needs 4 hours of sunlight to fully power the camera.



### Using the Moultrie Battery Box

Extend the field life of your Moultrie camera with a long-lasting, rechargeable external power source. Place near the tree where the camera is mounted. Plug the Battery Box to the Power Panel Plug. This will extend the life of your camera in the field.



## G VIEWING YOUR IMAGES

There are a number of ways for you download and view the pictures, videos in the field or at another location.

### Removing the SD Card

To remove the SD Memory Card, open the camera cover and push gently on the SD card and it will pop out slightly allowing you to remove it. Load the SD card into the player or card reader to view or move stored images to another location.



### Important

Make sure that the camera is in the OFF position before removing SD card.

### In the Field

You can download the pictures, videos, and time lapse pictures with the aid of external devices. To download, use an external player or card reader that is supported by 12V DC or Mini USB Jack.



### At Home

Remove the entire camera and transport to another location to download images. To connect the camera to a PC computer, turn the camera ON, press the MENU button once to change to SETUP Mode. Connect the USB cord (not included) between the USB out port and the PC computer. The computer will recognize the camera as a removable drive. The unit works with Windows XP/Vista/7 or Mac OS X 10.1 or higher. Copy the images and videos from the camera onto your PC for further editing or printing. When the USB cable is disconnected, the camera will go back to SETUP mode.



See the full line of TRACE camera accessories at [www.moultriefeeders.com](http://www.moultriefeeders.com)

## B QUICK START INSTRUCTIONS

Use the steps below as a guide to quickly set up your camera so it will function using the factory default settings.

### STEP 1

Open camera cover. Press the battery chamber release button. Install 8 AA batteries. Recommended for use: Energizer® lithium batteries.

### STEP 2

Insert SD Memory Card until you hear an audible click. Camera will not operate without SD Card. Slide the power switch to ON. Press the Menu button to switch the camera to Setup, press Left button to enter the OPTIONS and set time and date.

### STEP 3

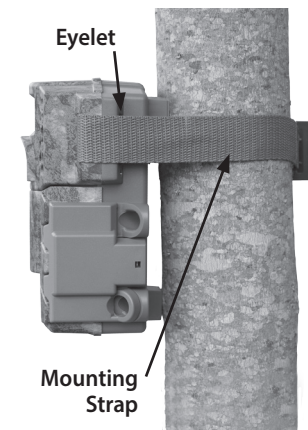
Mount camera in desired location using a mounting strap or mounting bracket. **NOTE: Camera must be attached to a stable object for motion detection to function properly.**

### STEP 4

Switch camera to IR Aim. Aim camera using motion detection to determine target area. Walk in front of the camera at the desired distance and the camera LED will flash showing the covered area. Switch camera to ON.

### STEP 5

Slide the power switch to ON. Close cover. The camera will operate using Default settings. You may also customize the settings if required.



## C DEFAULT SETTINGS

DATE/TIME:	01/01/16 11:11pm
CAPTURE MODE:	3 PHOTO
START TIME:	ALWAYS ON
STOP TIME:	MIDNIGHT
CAMERA NAME:	TRACE CAM
ERASE ALL IMAGES:	NO
MANAGED MEMORY:	OVERWRITE OLDEST
PHOTO QUALITY:	LOW (4MP)
VIDEO QUALITY:	HD (1280x720)
VIDEO LENGTH:	30 SECONDS
SECURITY CODE:	00000
AC CONNECTED:	NO
WI-FI SD CARD:	NO
RESET TO FACTORY DEFAULTS:	NO

## D CAPTURE MODES

The PREMISE PRO offers three capture modes as described below. The default capture mode is 3 PHOTO.

### 1 PHOTO

A single still photo is taken when movement is detected. Photos are stored in the DCIM/100MFCAM folder on the SD card.

### 3 PHOTO

Three still photos are taken when movement is detected in a sequential manner with an approximate 1 second interval between images. Photos are stored in the DCIM/100MFCAM folder on the SD card.

### VIDEO

Camera records a video when movement is detected by the motion sensor. The video length is configurable in OPTIONS.

## E SETUP AND PROGRAMMING

```
PHOTO    DLY:00:29
B:99%    9999/9999
```

When the camera's power is turned ON, the display will come on to the Default Screen. Moving clockwise from the top left, information is displayed for capture type, delay countdown for capture, image count/remaining capacity, and battery level. If no buttons are pressed within 30 seconds, the LCD screen will enter sleep mode to conserve battery life and enter capture mode based on current settings. To wake the camera manually, press and hold the menu button until you see the default screen on the display.

```
TRACE PREMISE
<OPTIONS  START>
```

### Setup Selection Setting

From the Default Screen, press the Menu button to enter the Main Screen. Press the Left button to enter OPTIONS or Right button to START and force the camera to countdown and enter capture mode. In the OPTIONS menu, Press the OK button, the selection will start to flash. Press the Up/Down buttons to change the settings. Press the OK button again to lock in selection. Press the Left button to move to the next setting. Using this method you can customize your camera's feature settings.

From this Main Screen, press OK to get to the Test Capture screen.

## F CAMERA SPECIFICATIONS

### Memory & Storage

Your camera supports external SD memory cards ONLY and will accept up to a 32GB card (Class 4 or higher). Using large memory cards can slow the camera response. The camera cannot capture any photo or video without external memory. Please insert an SD memory card to operate camera. Estimates are based on the most common types of memory cards that can be purchased at electronic stores, office supply stores, or online. Estimates may vary based on camera settings or environmental conditions.

### Important

Always turn the unit off when inserting or removing an SD memory card to avoid damage and ensure that the camera properly updates the memory information.

Photo Mode		
SD Card Size:	2 GB	16 GB
HIGH 4608 x 2592	1300	10400
LOW 2688 x 1512	3800	30400
Video Mode		
SD Card Size:	2 GB	16 GB
HD 1280 x 720 (based on 10 sec video)	110	880
VGA 640 x 480 (based on 10 sec video)	310	2480

Actual capacity will vary based on image properties.

### Specifications

Operational Mode	Photo / Video
Resolution	12.0 MP
Still Resolutions	JPEG Low 2688 x 1512 High 4608 x 2592
Video Resolutions	VGA- 640 x 480 HD 1280 x 720
SD Memory Card	Up to 32 GB SD card, Class 4 or higher (not included)
Format	JPEG - Still pictures, AVI - Video clips
Power Supply	8 AA Alkaline or Lithium batteries (not included)

AC CONNECTED?  
NO

#### AC Connected

When the camera is connected to an AC power supply and this option is selected, the camera will remain on instead of going to a sleep state between detection and capture sequences. This will greatly improve camera speed and performance and can be used in conjunction with most external supplies, but is only recommended when connected to an AC power supply. In the event this option is selected but no external supply is detected, it will default to the NO state. Press **Left** button to go to the next option.

WI-FI SD CARD?  
NO

#### Wi-Fi SD Card

Select option when using a Wi-Fi enabled SD card. Turning this feature on will keep the SD port powered for a set amount of time to allow the files to transfer off the card to the Wi-fi network set up. Press **Left** button to go to the next option.

**Note:** Moultrie does not offer technical support for Wi-Fi SD cards. Please contact your Wi-Fi card's manufacturer for support. Before use, you must setup your Wi-Fi SD card on your wireless network.

UPGRADE FIRMWARE  
S-770-130919 NO

#### Upgrade Firmware

The firmware version is displayed. Press **Up/Down** to choose setting.

YES - To upgrade firmware.  
NO - Keep current firmware.

Make sure that an SD card with the new firmware is inserted into the camera. Press the **OK** button to make selection. Make sure the process is completed before pressing other buttons or powering the camera Off. Press **Left** button to go to the next option.

**Note:** This option will only be used if directed to do so by TRACE Customer Service.

RESET TO FACTORY  
DEFAULTS? NO

#### Reset to Default settings

You can reset your camera to the factory default settings. Press UP or DOWN to choose YES - all setups restored to factory default or NO - keep custom settings. Press the **OK** button again to make selection. Press **Left** button to return to the Main Screen.

## E SETUP AND PROGRAMMING (cont)

TEST CAPTURE?  
<NO YES>

#### Test Capture

From the Main Screen, press the **OK** button to enter Test Capture mode. In this mode, you can force the camera to take a test shot. This option is useful when placing your camera and making sure it is aimed correctly. Press the **Right** button to take a test image. A 5-second countdown will commence and the camera will take the test image.

### Setting OPTIONS

When you choose **OPTIONS**, the LCD Display will automatically display different feature within the **OPTIONS** menu. Using the navigation process, set the features you desire.

DATE & TIME  
01/01/16 11:11pm

#### Setting Date and Time

Press the **OK** button. Use the **Left/Right** buttons to move from one value to the next and the **Up/Down** buttons to adjust each value. Press the **OK** button to lock in selections. When all your selections have been made, and the date and time has been set, press the **Right** button to move to the next option.

#### Setting Capture Mode

Press the **OK** button. Use the **Up/Down** buttons to choose between operating modes. This camera has 3 modes.

**A. 1 Photo** - A single still photo is taken when movement is detected.

CAPTURE MODE  
1 PHOTO

**B. 3 Photo** - Three still photos are taken when movement is detected.

CAPTURE MODE  
3 PHOTO

**C. Video** - Camera records a video when movement is detected by the motion sensor. The video length is configurable in **OPTIONS**.

CAPTURE MODE  
VIDEO

START TIME  
ALWAYS ON

#### Start Time

Start time allows you to set specific operating times for the camera so that it will only look for activity and capture images during times of interest. By default the START TIME is ALWAYS ON, meaning the camera will look for and react to activity 24 hours per day. If desired, you may set the START TIME to a specific hour upon which the camera will wake up and begin capturing images when movement is detected, turning off at the defined STOP TIME. To change the START TIME, press the UP/DOWN buttons to highlight the desired time and then press OK. Press **Left** button to go to the next option.

STOP TIME  
MIDNIGHT

#### Stop Time

Like START TIME, STOP TIME allows you to control when the camera will react to movement and capture images. If a START TIME is defined, Setting the STOP TIME will determine when the camera will cease capturing images when movement is detected. To change the STOP TIME, press the UP/DOWN buttons to highlight the desired time and then press OK. Press **Left** button to go to the next option.

**NOTE: If Start Time is set to ALWAYS ON, Stop Time will be hidden.**

CAMERA NAME  
TRACE CAM

#### Setting Camera Name

Press the OK button. Use the **Up/Down** and **Left/Right** buttons to select an identity for your camera. For example, you can use a name or a location; the identity you wish to use is up to you. Press the OK button. Press **Left** button to go to the next option.

ERASE ALL IMAGES  
NO

#### Erase Images

Press the OK button. Use the **Up/Down** buttons to choose between Yes - erase all images, or No - does not change stored images. Press the OK button to select. When your selection has been made, press **Left** button to go to the next option.

**NOTE: This will also format your SD card for use in your camera.**

MANAGED MEMORY  
OVERWRITE OLDEST

#### Managed Memory

Selecting the OVERWRITE OLDEST option will cause the oldest files to be overwritten with new captures when the SD card reaches its capacity. With the DO NOT OVERWRITE option selected, the camera will cease image capture once the SD card reaches capacity. Press the **OK** button to select. When your selection has been made, press **Left** button to go to the next option.

PHOTO QUALITY  
LOW(4MP)

#### Setting Photo Quality

Press the OK button. Use the **Up/Down** buttons to choose between 4 image resolution settings.

1. High (12MP): 4608 x 2592
2. Low (4 MP): 2688 x 1512

Press the OK button to confirm the selection. Press the **Right** button to move to the next option.

VIDEO QUALITY  
HD (1280X720)

#### Setting Video Quality

Press the OK button. Use the **Up/Down** buttons to choose between 2 image quality settings.

1. HD: 1280 x 720
2. Low: 640 x 480

Press the OK button. Press **Left** button to go to the next option.

VIDEO LENGTH  
30 SECONDS

#### Video Length

Press the OK button. Use the **Up/Down** buttons to choose between 2 video length settings (10 or 30 seconds). Press the OK button. Press **Left** button to go to the next option.

PROGRAM SECURITY  
CODE 00000

#### Security Code

Press the OK button. Use the **Up/Down** and **Left/Right** buttons to select a 5 digit security code for your camera. Press the OK button. Press **Left** button to go to the next option.

**NOTE: Please remember your security code. If the code is lost, you can contact TRACE customer support to reset the password. (Charges may apply)**