

# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Information Architecture

## Notes:

This is a proposal for a reorganization of the information / content that lives within the user menu for the "Mini Series" trail cameras (880/990).

Content has been organized by context of use and by priority. The priority is based on a feature option's perceived value and frequency of use and has been reviewed with and revised based on feedback from Moultrie. It was approved on March 24th, 2014 by Bart Stephens.

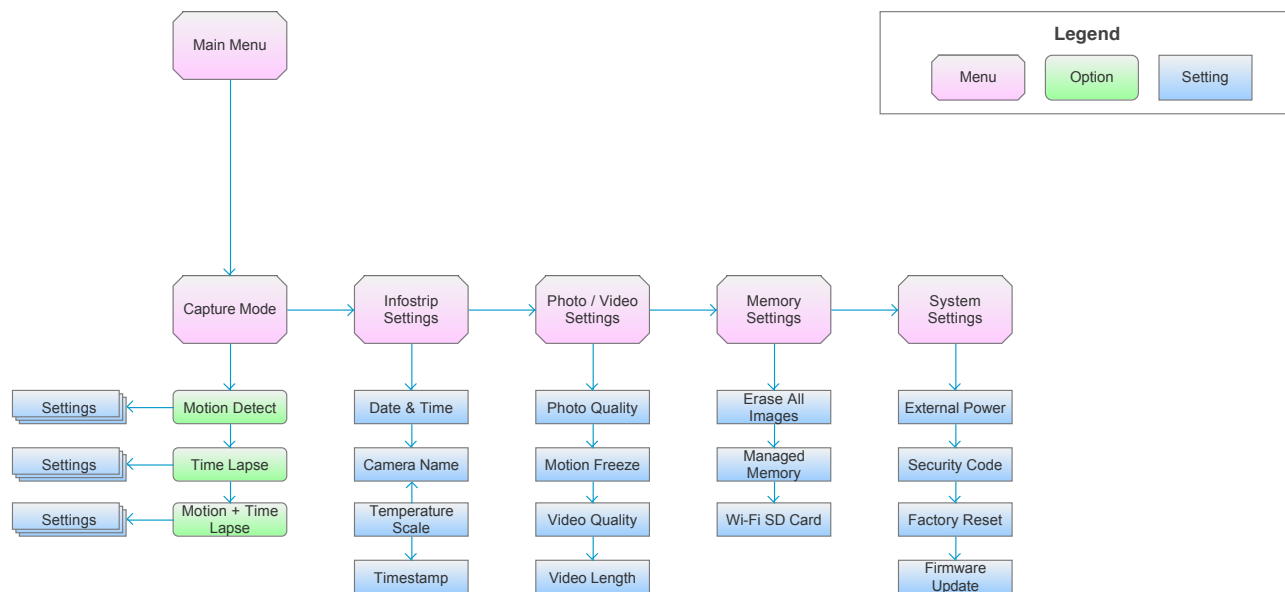
Note that the settings within each of the options has not been provided in order to streamline the view.

Settings that live under Options, such as those in the Capture Mode menu, are virtually the same. Each setting has it's own respective Task Flow which details the steps and options available for performing the particular task.

**Photo Preview** will have no changes from current functionality however, it will be accessed through the mechanical switch instead of the menu.

Additionally, a **Quick Start** mode will be accessible through the mechanical switch. This is a factory preset capture mode. The menu based features are accessed through the **Menu Start** mode on the mechanical switch as is the **Aim** function.

While this graphic representation is positioned horizontally, the actual sub-menus will be listed vertically.



# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

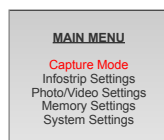
Screen Name: Navigation Overview

## Power / Mode Switch

The front panel switch provides the primary user interface for turning the camera on, off, and selecting a mode of operation.



## Menus



Menus (and submenus) consist of items organized in a vertical list form. The title of the menu will be recognizable as such. The menu list is looped in that the user will incrementally navigate from the last item on the list to the first and the first item will decrement to the last.

The item in the menu list which is currently selected will be clearly indicated by any one of the following methods with #1 and #2 being preferable over #3:

1. Text color - Ideally will be exclusive to all other text colors used on the screen
2. Highlighting - The list row would be encompassed in a color that has high contrast to the one used for the text of the selected row (which may change for selection in addition to the highlighting)
3. Indication - An indicator such as an arrow, chevron, asterisk, or other distinguishable mark that appears along side the list row item that is selected.

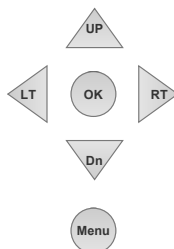
The default selection in a menu list is the top item. When a user backs out to the menu, the option through which they navigated from will be highlighted to show persistence of their original selection. Once a user leaves a menu by either fully exiting or backing out to a higher level menu, re-entry will return to default and display the list with the top item selected.

## Option Start Screens



Very much like a menu in its formatting and indication of selections, Option Start Screens additionally show the visual status or configuration of their respective settings. Option Start Screen lists are a vertical list which the user can navigate in a looping manner to select any of the Settings to change, configure or adjust. When a Setting has been changed, the Option Start Screen will reflect the change immediately upon returning to it.

## Navigation



Consistency in the way users interact with the device for navigation is essential for a good user experience. Buttons will have dedicated interactions for all forms of navigation as detailed below:

**MENU:** The Menu Button returns the user to the Main Menu screen at all times whether it is pressed while the user is in a submenu, Option Start Screen, Settings Screen, Countdown screen for test photos/videos or active mode. If settings have been made on the screen from which the Left button has been pressed, they will be saved.

**LT:** The Left button will be a 'back' button in that it will back the user out one level at a time until the user reaches the Main Menu. If settings have been made on the screen from which the Left button has been pressed, they will be saved.

**RT:** The Right button will take a user into a selected item from a submenu, Option Start Screen, Setting Screen, or begins Test Photo or Start mode. The Right button will also incrementally advance users through fields for editing settings. i.e. within Date & Time, the Right button would move the cursor from Hour to Minute to AM/PM etc...scrolling from the last back to the first field.

**UP/DN:** The Up and Down buttons are used for navigating lists to select an item. They are also used to increment and decrement values for multi-entry settings like hours, minutes, or days when setting the time or date.

**OK:** The OK button, like the Right button, takes a user into a selected item from a submenu, Option Start Screen, Setting Screen, or begins Test Photo or Start mode. In addition, the OK button is used to confirm and save a setting selection (i.e. "Yes/No") then will back the user out to the previous level. If used in a multi-entry setting such as Date & Time, the OK button saves the value in the current field and advances the user to the next field for adjustment until the last field where from the OK button will save all values for the setting then back the user out to the previous level.

# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

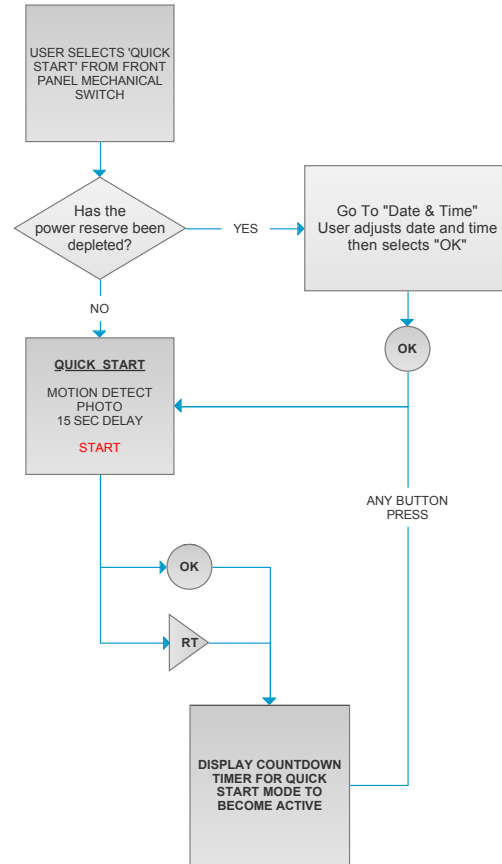
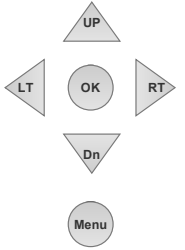
Screen Name: Task Flow: Quick Start Switch Position

**User Task:**  
Start the 'Quick Start' mode

**Notes:**  
The 'Quick Start' mode is a non-configurable capture mode that is factory preset. It requires minimal interaction by the user to activate. It is only accessed through the front panel mechanical switch.

The configuration for this mode shown is for illustration purposes only. The actual configuration will be determined by Moultrie.

When the device is turned on to any mode other than AIM, the device does a self check to see if the internal power reserve has been depleted causing the date and time settings to be lost. If this is true, the user is first taken to the "Date & Time" option for configuration. Once the user adjusts and confirms the settings by pressing "OK", they are returned to the operation mode for which the switch is positioned in.



# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Task Flow: Menu Start Switch Position

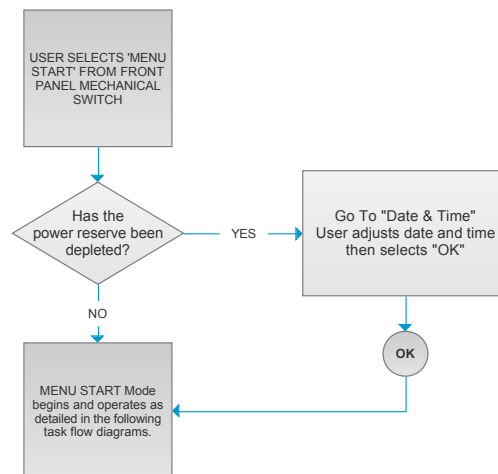
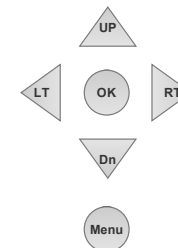
## User Task:

Turn Camera On in Menu Start mode

## Notes:

The Menu Start mode is the 'traditional' operation. In contrast to the Quick Start mode, all options are available through the Menu Start mode.

When the device is turned on to any mode other than AIM, the device does a self check to see if the internal power reserve has been depleted causing the date and time settings to be lost. If this is true, the user is first taken to the "Date & Time" option for configuration. Once the user adjusts and confirms the settings by pressing "OK", they are returned to the operation mode for which the switch is positioned in.



# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Task Flow: Play Back Switch Position

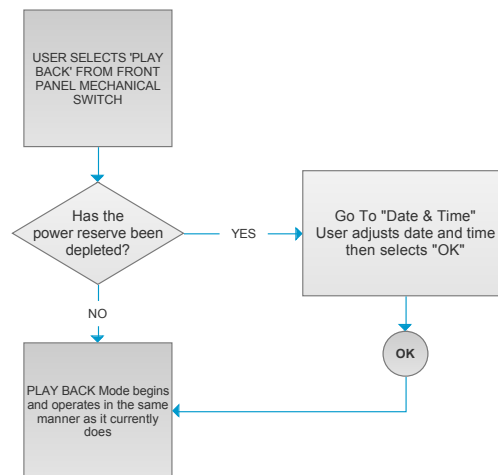
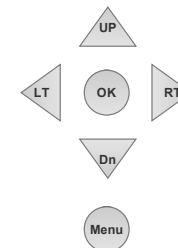
## User Task:

Play Back Photos/video

## Notes:

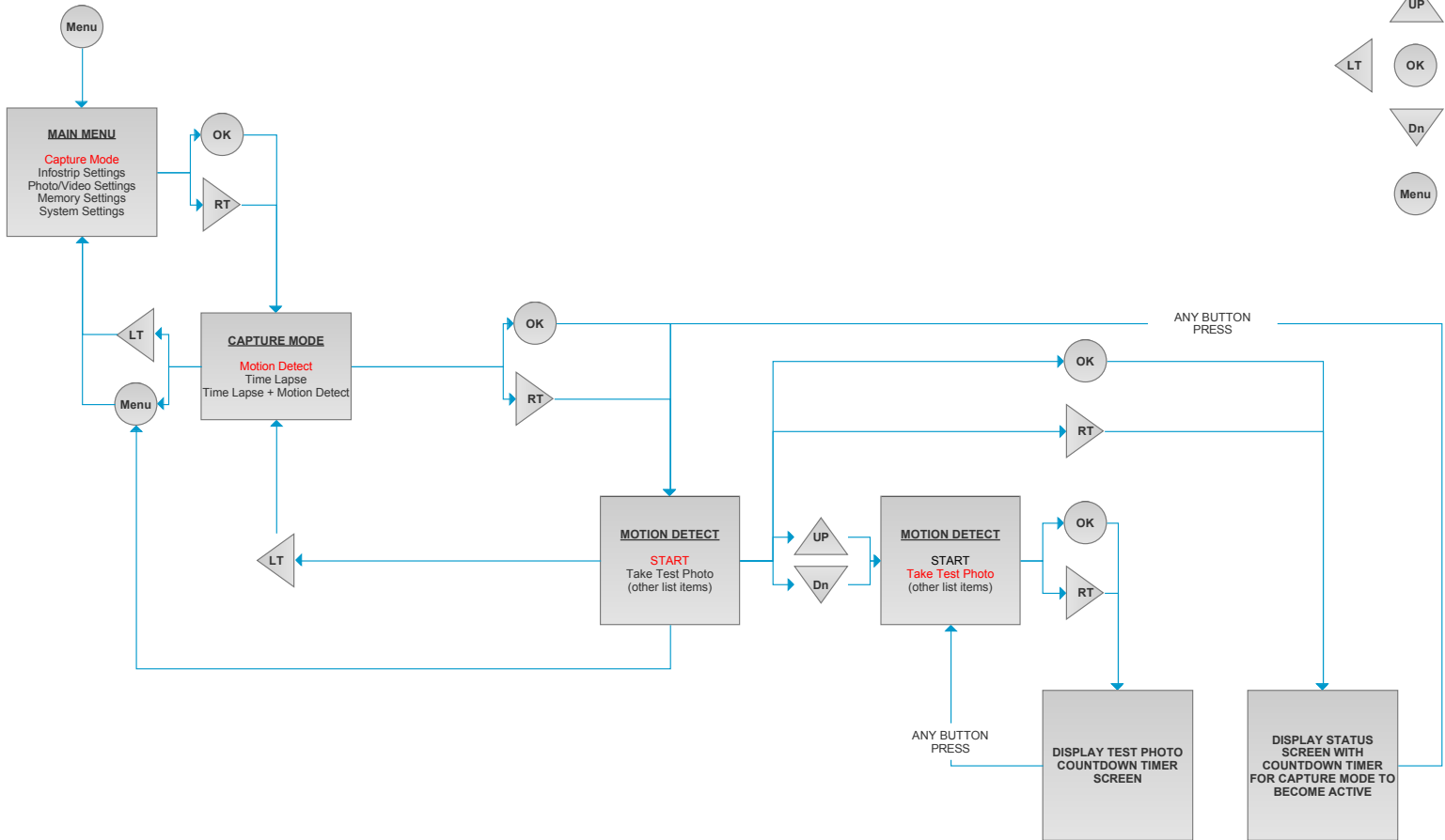
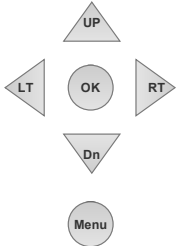
Photo Play Back will be accessed through a position on the front panel mechanical switch. Normal operation of Photo Preview will ensue.

When the device is turned on to any mode other than AIM, the device does a self check to see if the internal power reserve has been depleted causing the date and time settings to be lost. If this is true, the user is first taken to the "Date & Time" option for configuration. Once the user adjusts and confirms the settings by pressing "OK", they are returned to the operation mode for which the switch is positioned in.



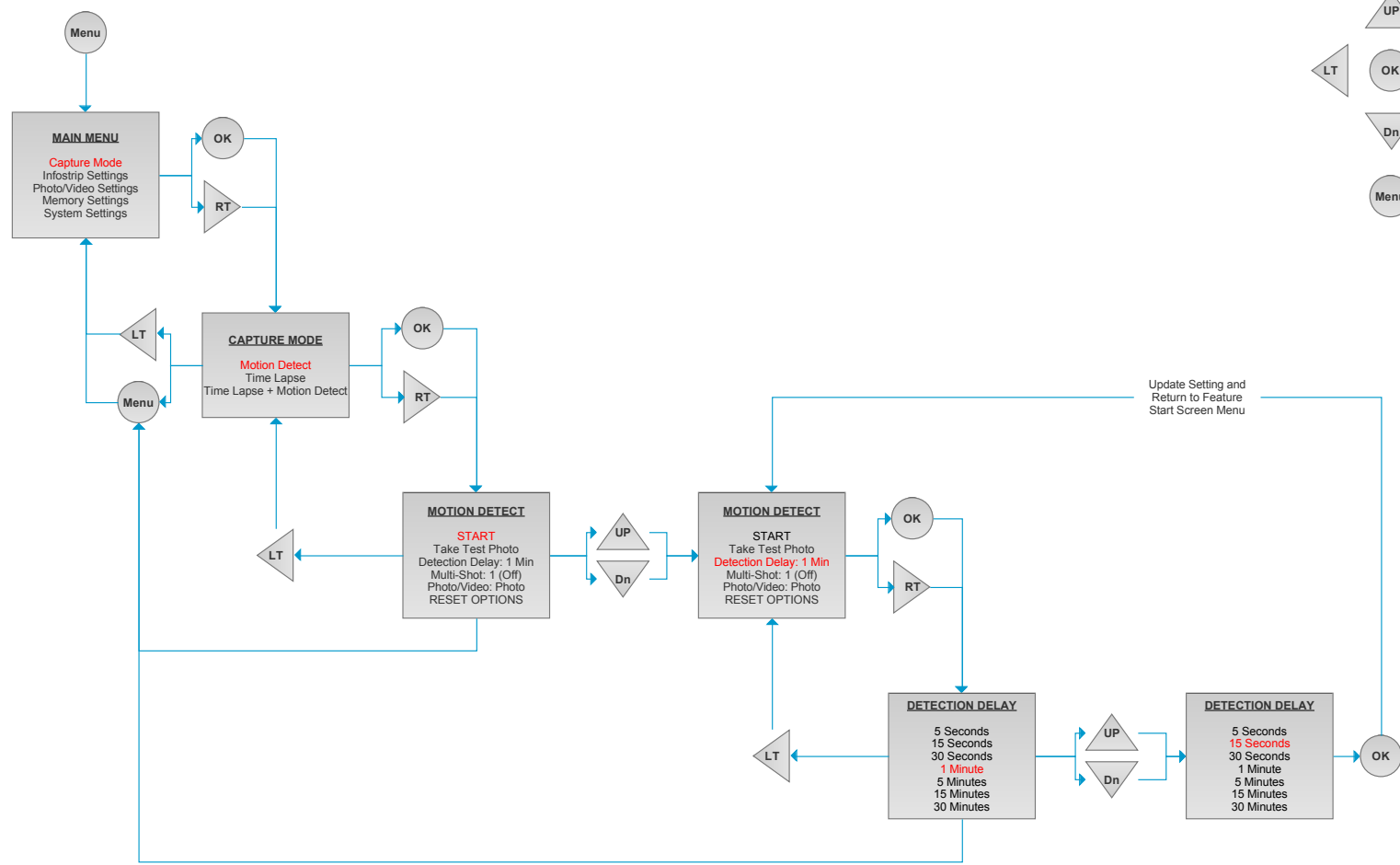
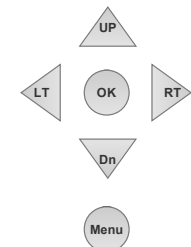
**User Task:**  
Motion Detect Start or Test

**Notes:**  
All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.



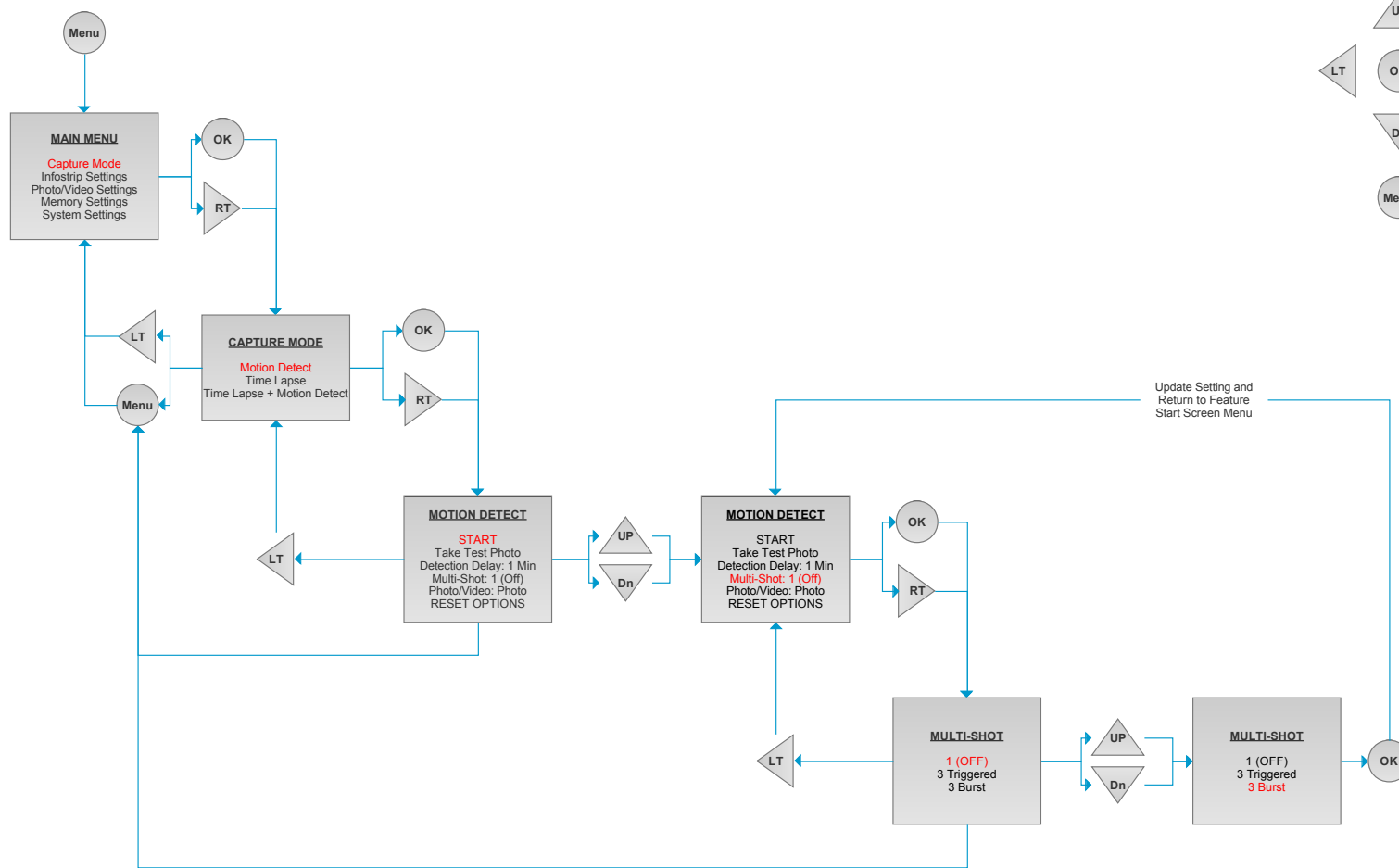
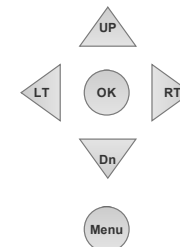
**User Task:**  
Adjust Motion Detect Delay

**Notes:**  
All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.



**User Task:**  
Adjust Motion Detect Multi-Shot

**Notes:**  
All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.





# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Created By: Roger Soucy

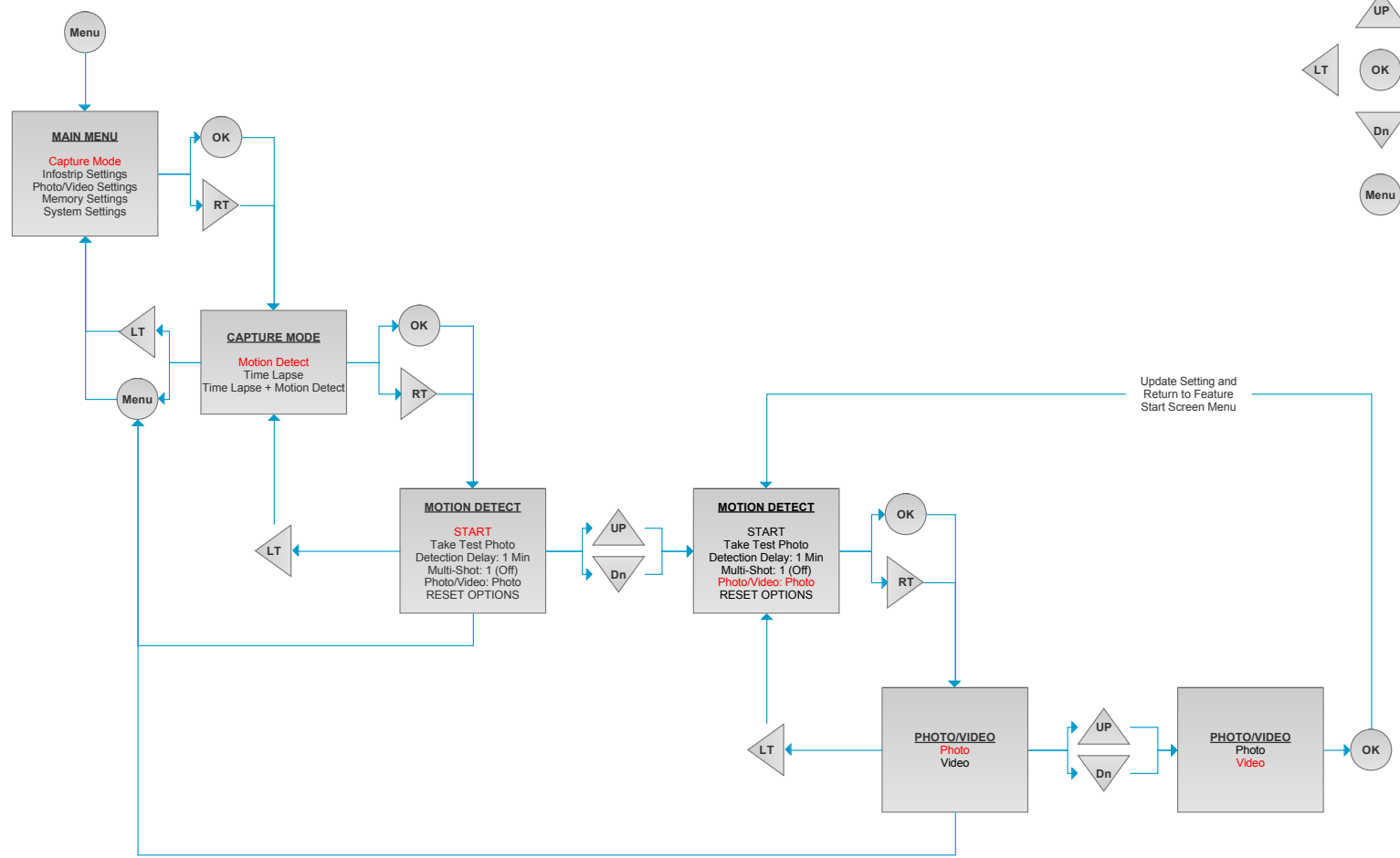
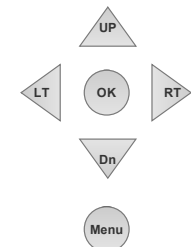
Date: 3/25/2014

Version: 3.0

Screen Name: Task Flow: Capture Mode - Motion Detect - Photo/Video

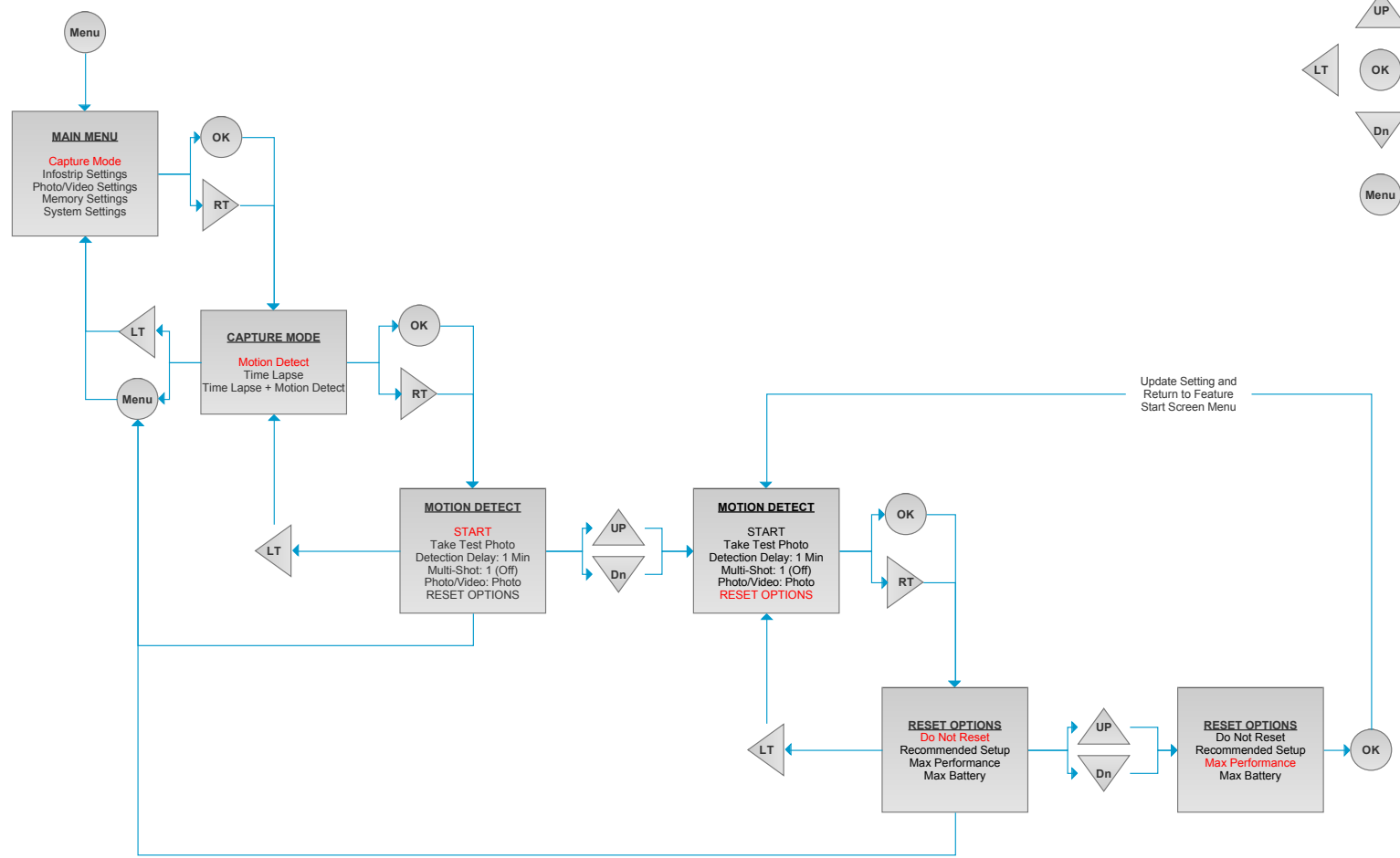
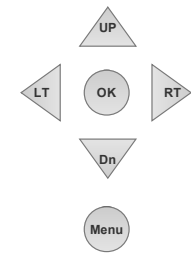
**User Task:**  
Adjust Motion Detect Photo/  
Video

**Notes:**  
All Menu lists loop when scrolling  
with Up/Down commands to allow  
users to choose the quickest path to  
the list option desired.



**User Task:**  
Adjust Motion Detect Reset Options

**Notes:**  
All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

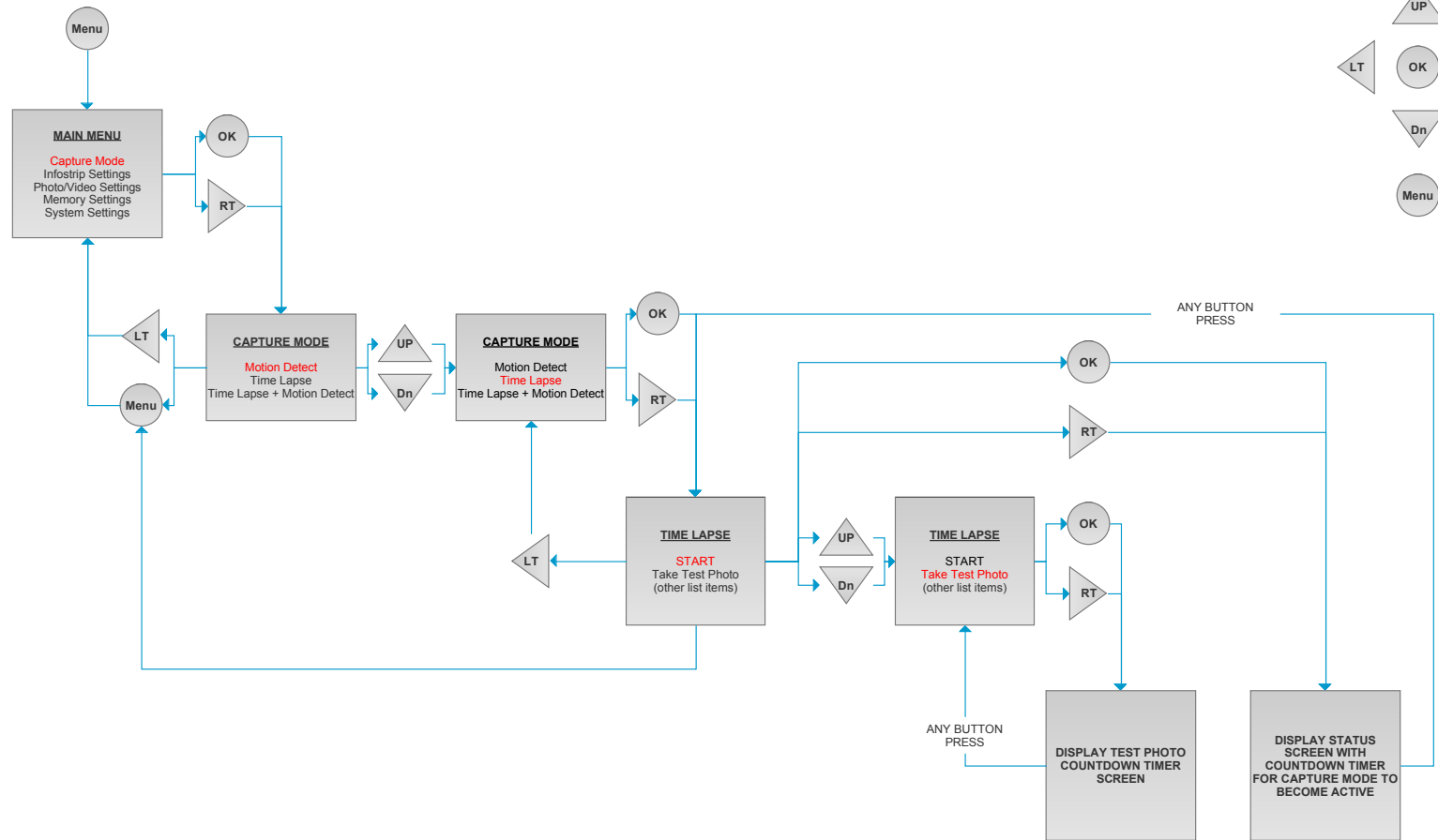
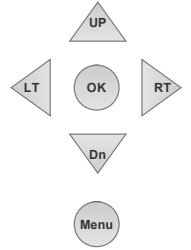


# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Task Flow: Time Lapse - Start / Test

**User Task:**  
Time Lapse Start or Test

**Notes:**  
All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

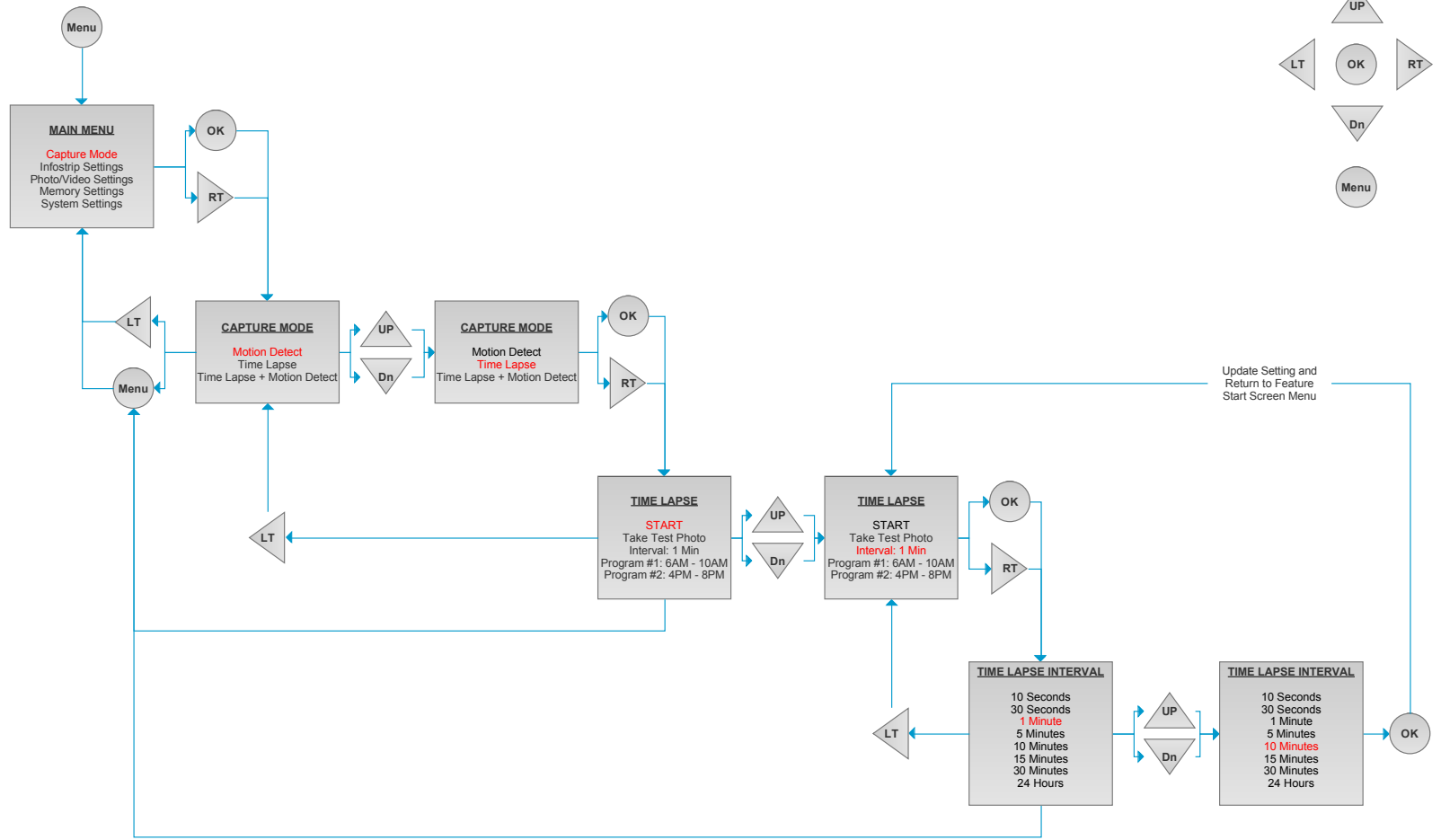
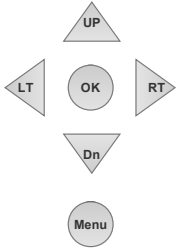


# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Task Flow: Time Lapse - Interval

**User Task:**  
Adjust Time Lapse Interval

**Notes:**  
All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

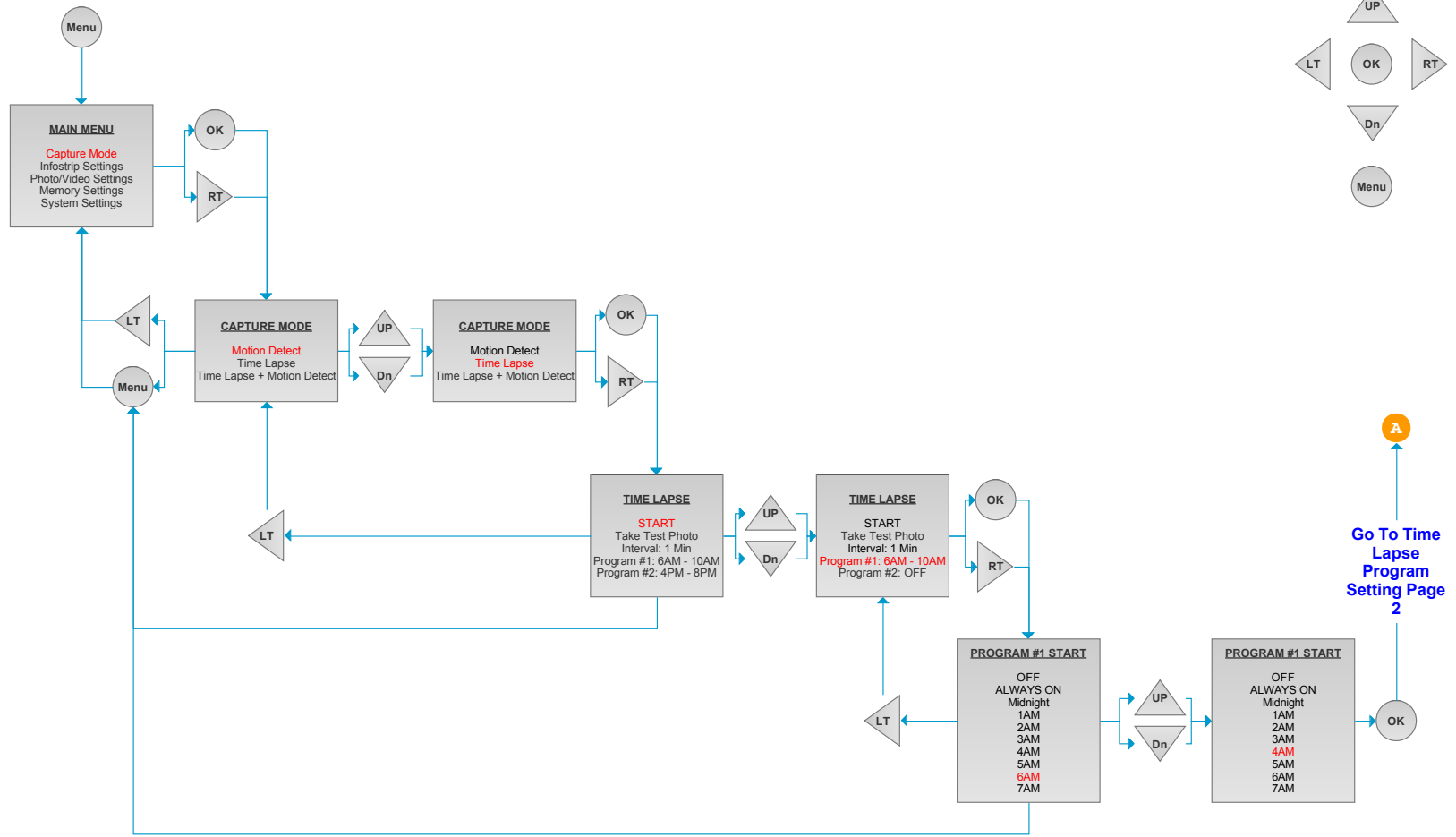
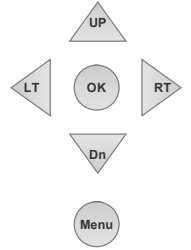


# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Task Flow: Time Lapse - Program Setting (Page 1)

**User Task:**  
Set Time Lapse Program

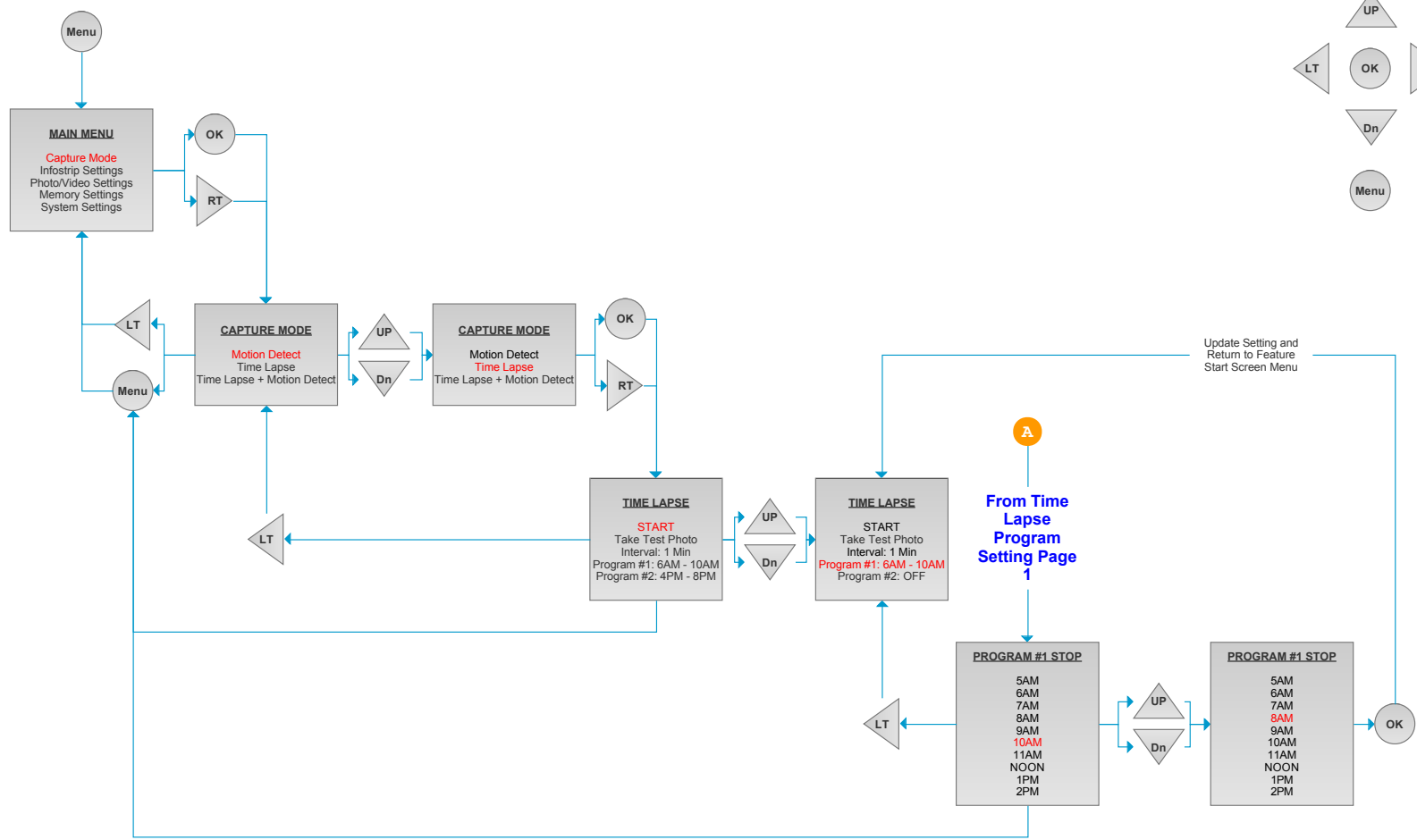
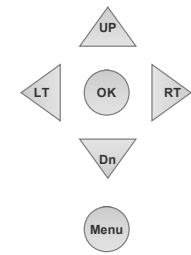
**Notes:**  
All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.



Go To Time Lapse Program Setting Page 2

**User Task:**  
Set Time Lapse Program

**Notes:**  
All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

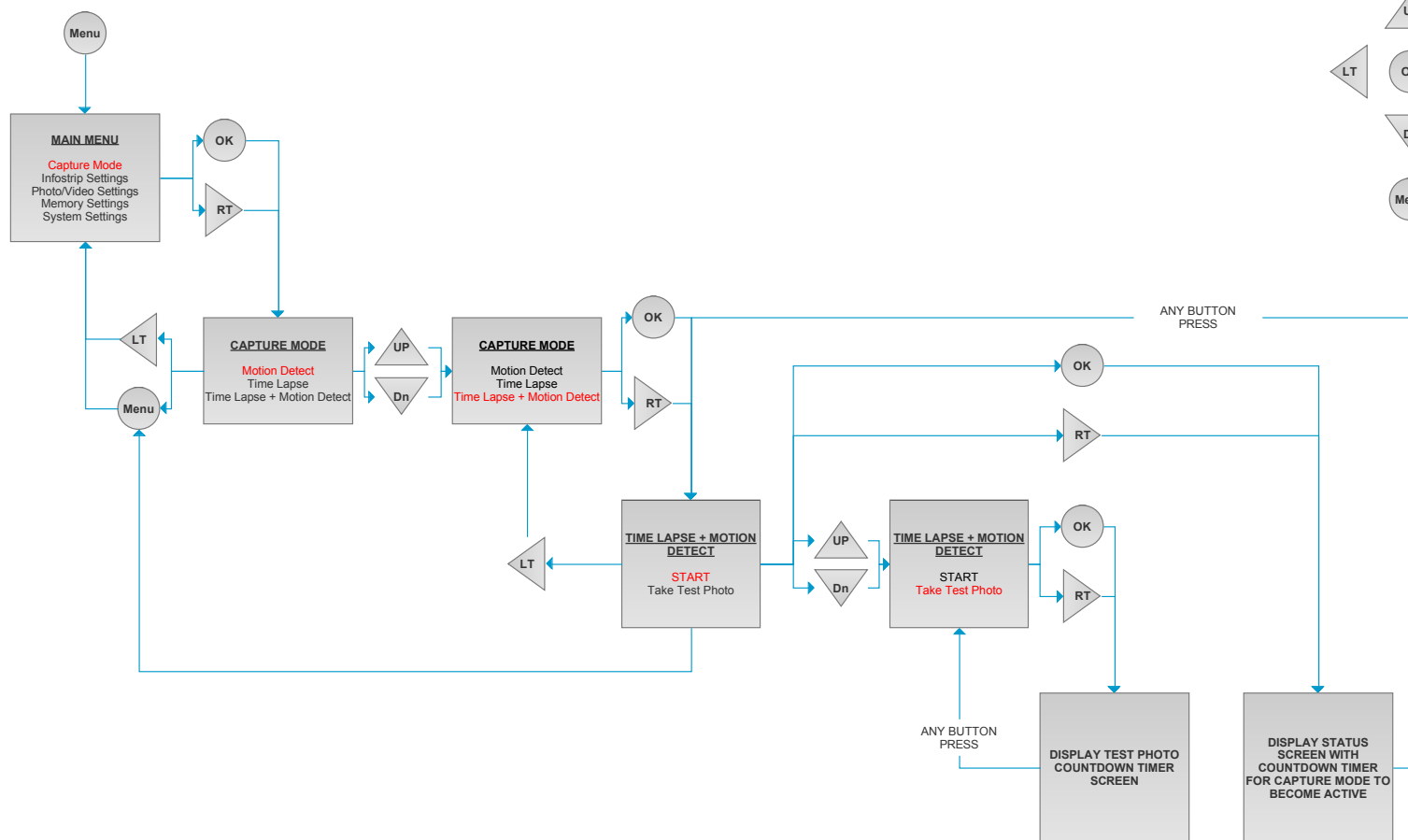
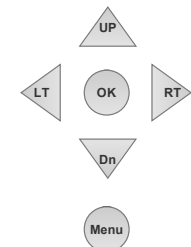


# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Task Flow: Motion Detect + Time Lapse - Start / Test

**User Task:**  
Motion Detect + Time Lapse  
Start / Test

**Notes:**  
All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.



# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

## Screen Name: Task Flow: Infostrip Settings - Set Date & Time

**User Task:**  
Set the Date and Time

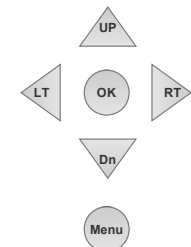
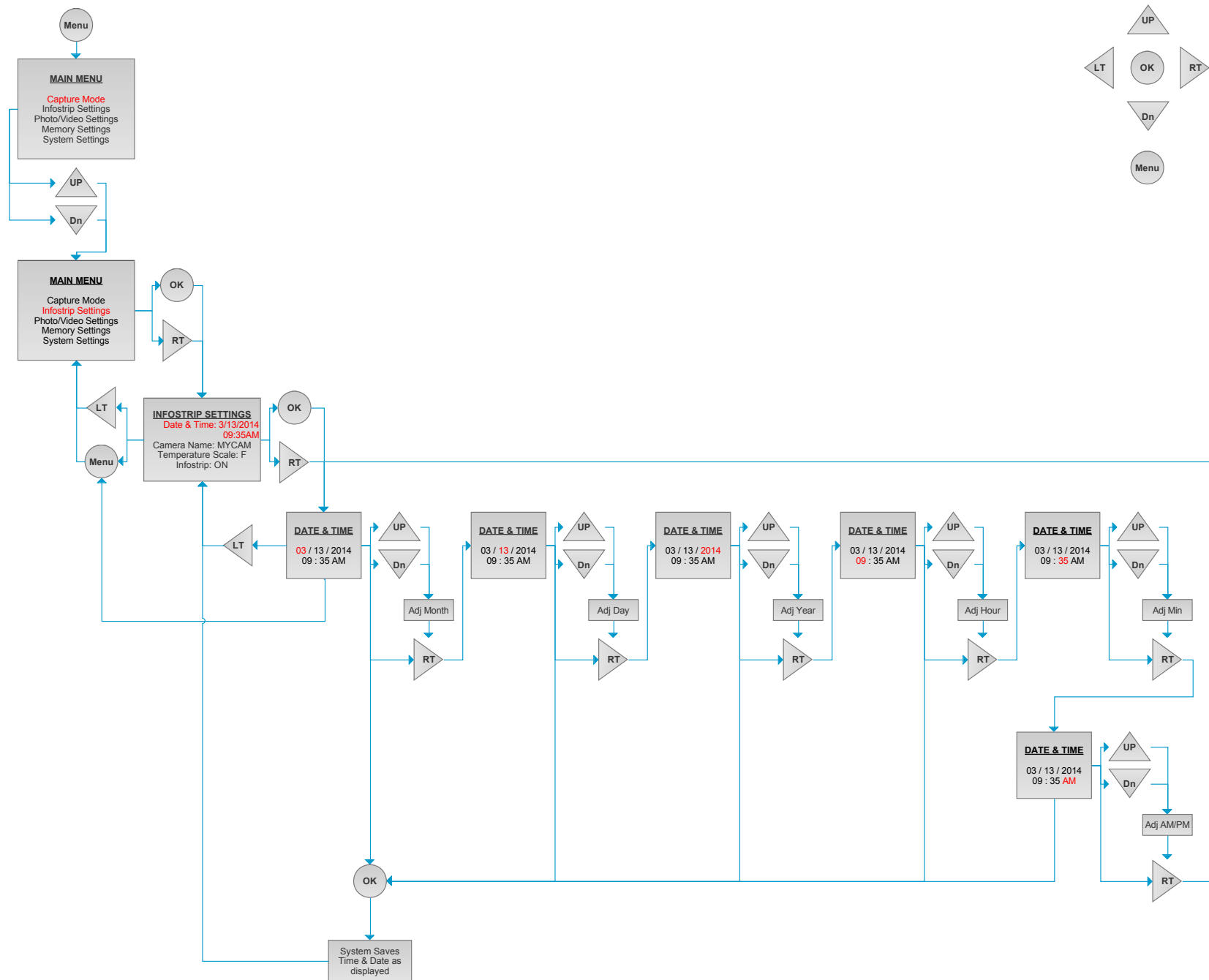
**Notes:**

All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

Multi-field editing for Date and Time utilizes the Up/Down buttons to adjust value, Right button to advance to the next field, Left button to back out, OK to save settings as shown and return to Infostrip Settings submenu page.

If the camera's power supply has been depleted long enough for the internal clock and date settings to have been lost, moving the mechanical switch to a position that turns the camera on\* will immediately prompt the user to set the time and date before 'normal' operation can continue.

\*This would be an un-necessary step for photo preview if it is a mechanical switch option that is selected.





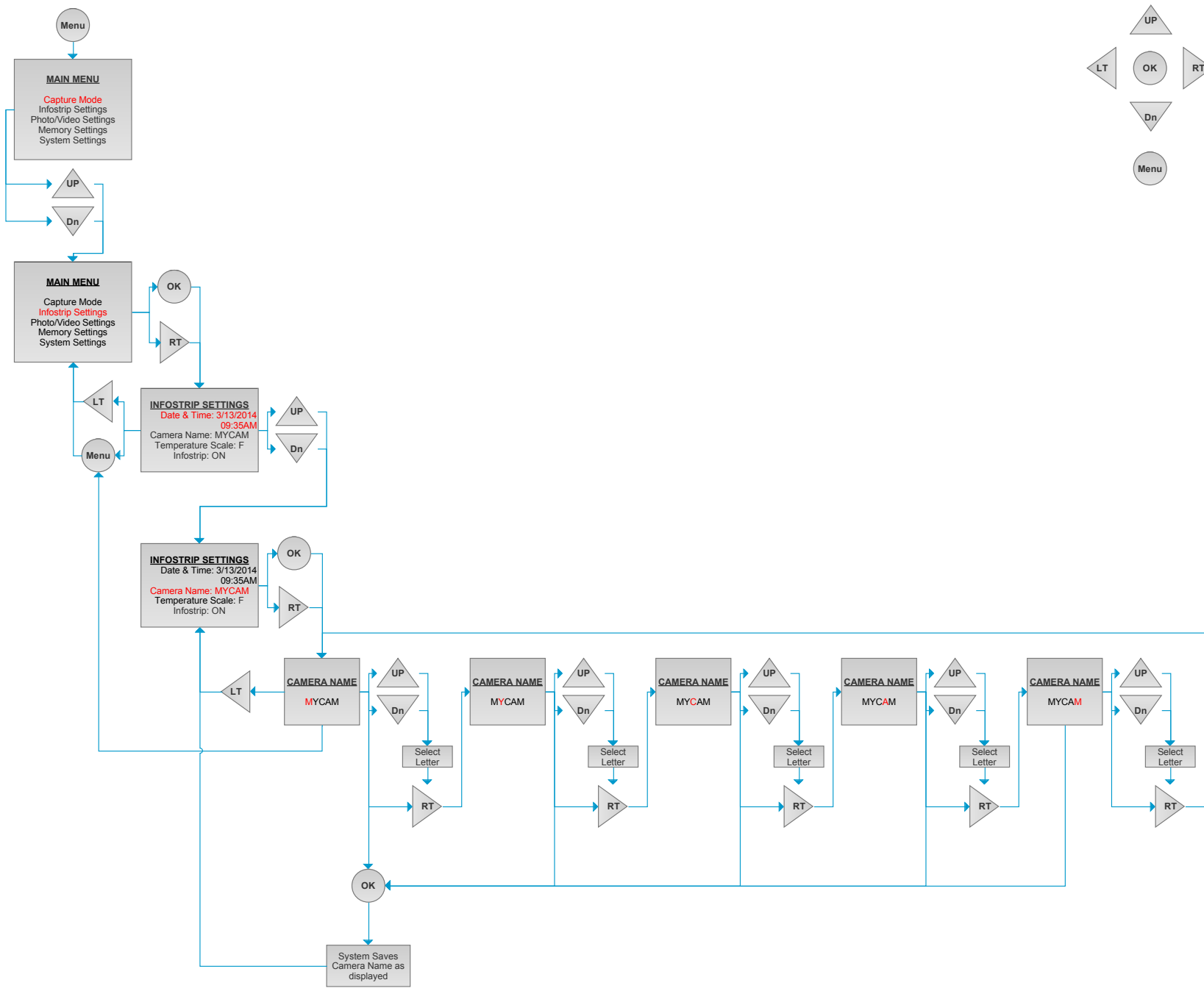
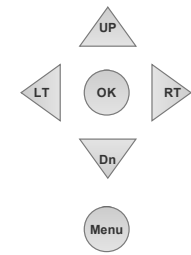
# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Task Flow: Infostrip Settings - Set Camera Name

**User Task:**  
Change the camera name

**Notes:**  
All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

Multi-field editing for setting the Camera Name utilizes the Up/Down buttons to adjust value, Right button to advance to the next field, Left button to back out, OK to save settings as shown and return to Infostrip Settings submenu page.



# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Task Flow: Infostrip Settings - Temperature Scale

## User Task:

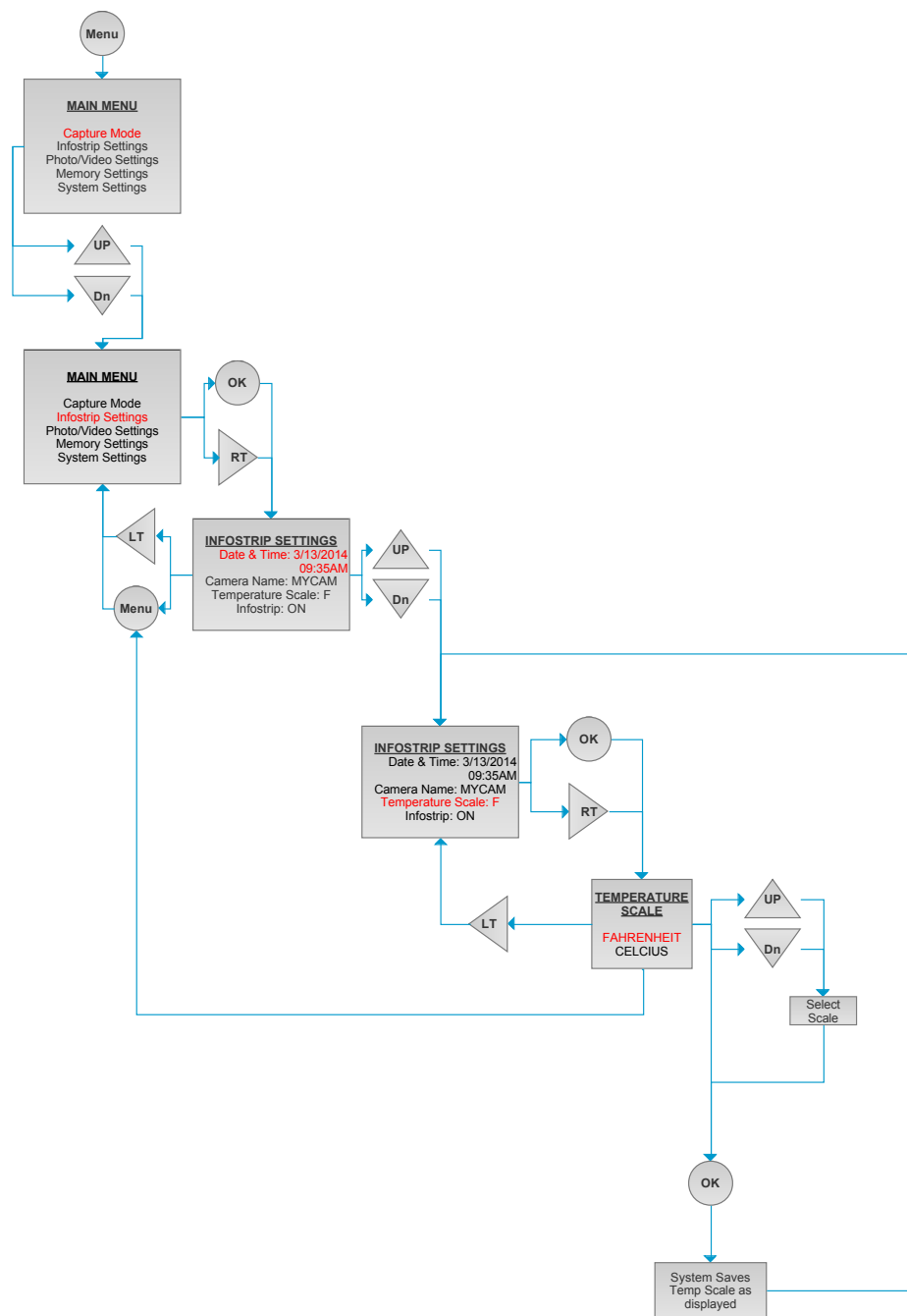
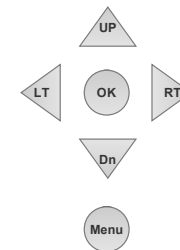
Change the Temperature Scale used for Infostamp display

## Notes:

All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

Selecting the temperature scale to be used utilizes the Up/Down buttons to select scale, Left button to back out, OK to save setting as shown and return to Infostrip Settings submenu page.

Note that there is no use of the Right button since there are not any multi-fields to edit.



# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Task Flow: Infostrip Settings - Infostrip On/Off

## User Task:

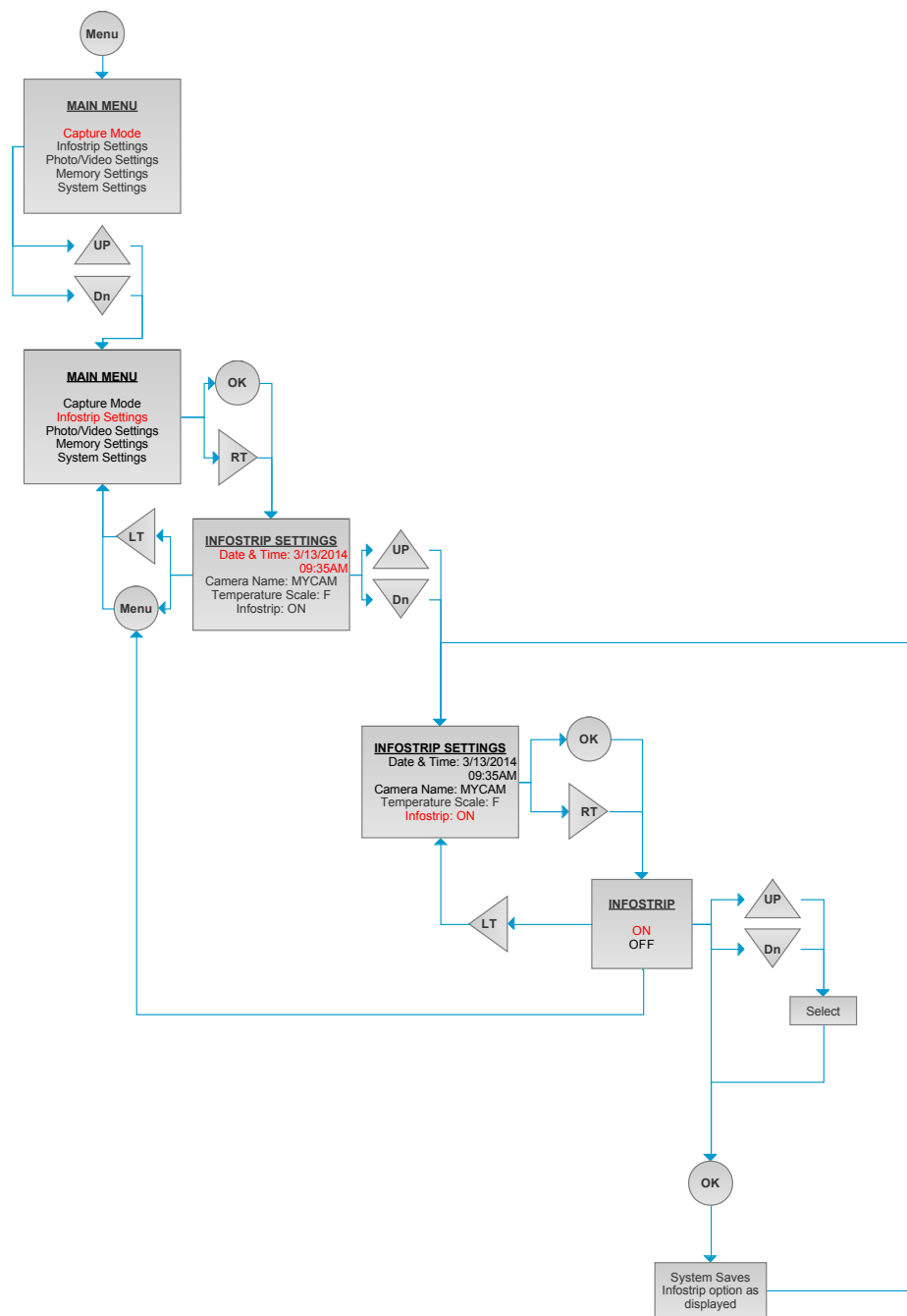
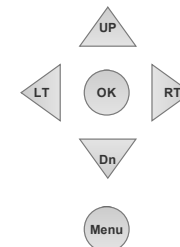
Change the use of Infostrip on image captures

## Notes:

All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

Selection utilizes the Up/Down buttons to select option, Left button to back out, OK to save setting as shown and return to Infostrip Settings submenu page.

Note that there is no use of the Right button since there are not any multi-fields to edit.



# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Task Flow: Photo / Video Settings - Photo Quality

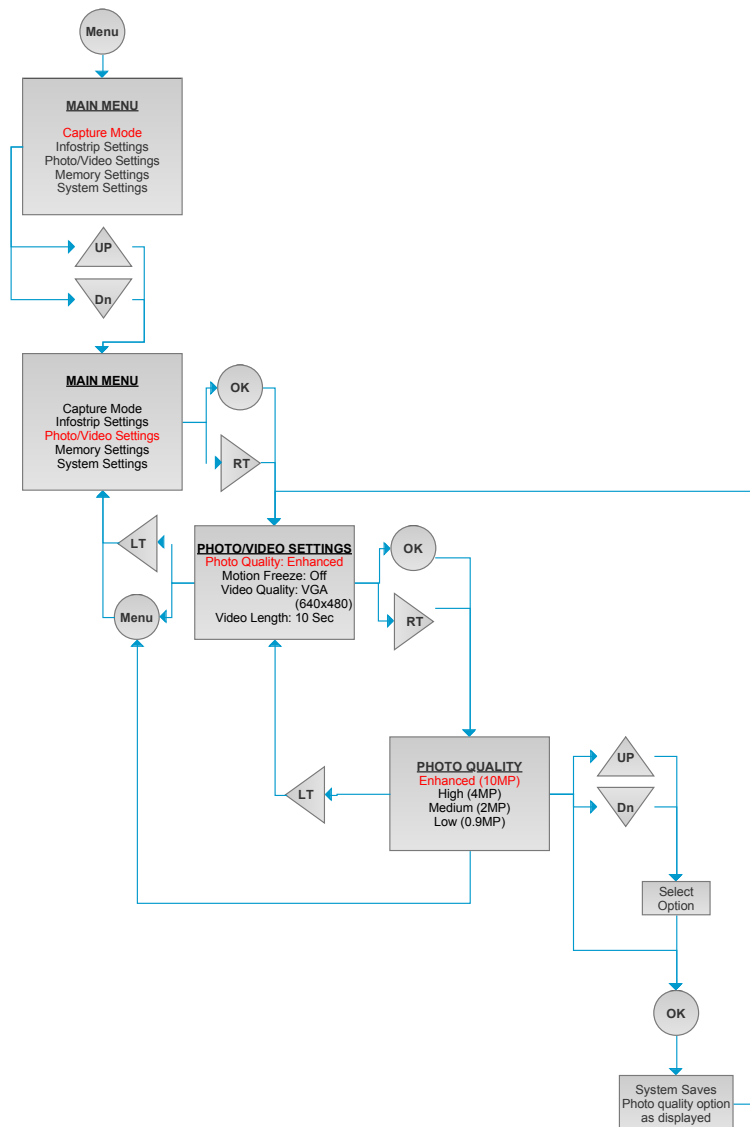
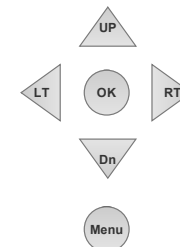
## User Task:

Change the quality of photos captured

## Notes:

All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

Selecting Photo Quality utilizes the Up/Down buttons to select option, Left button to back out, OK to save setting as shown and return to Photo/Video Settings submenu page. Note that there is no use of the Right button since there are not any multi-fields to edit.



# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Task Flow: Photo/Video Settings - Motion Freeze

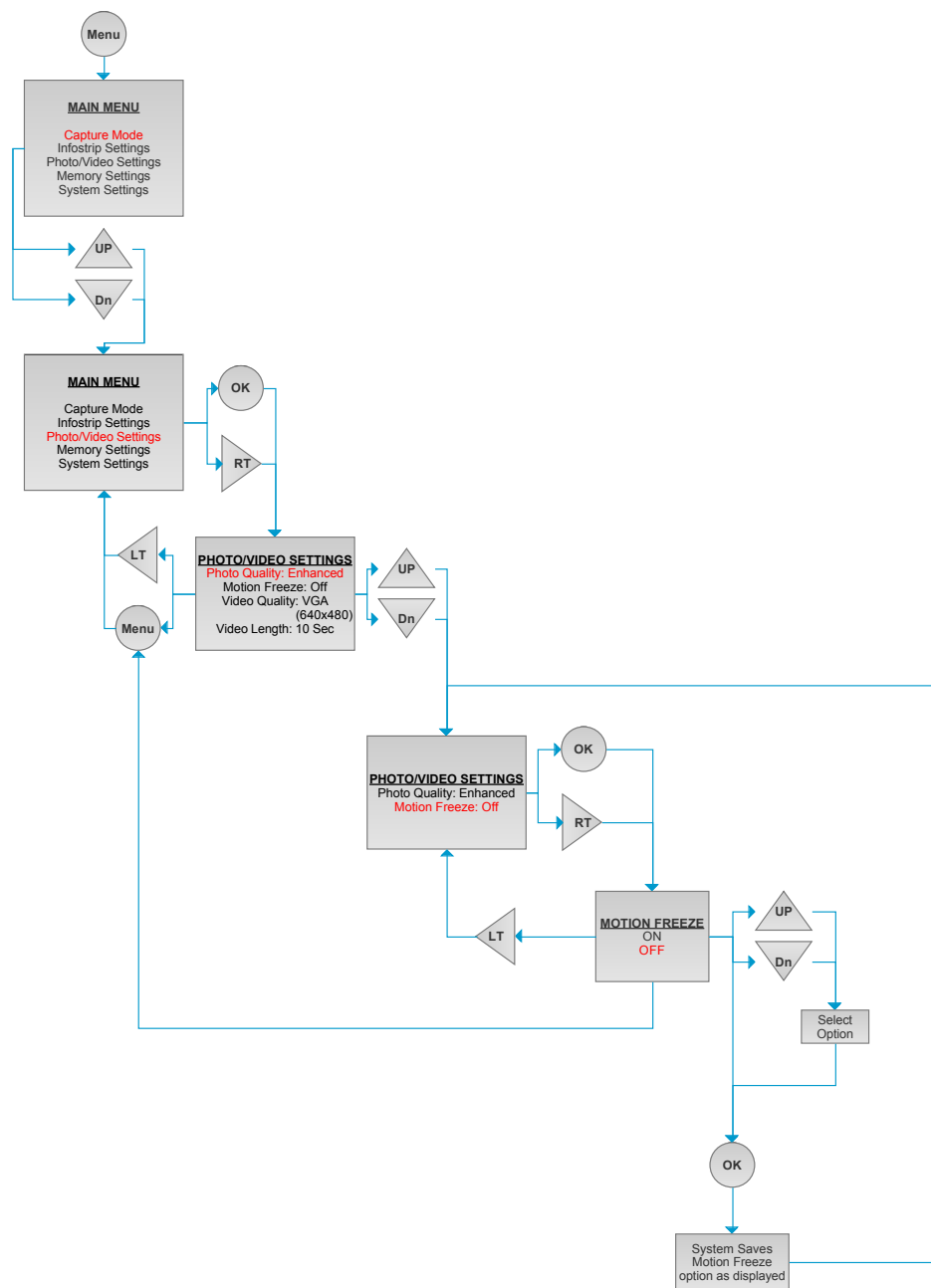
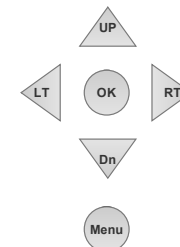
**User Task:**  
Turn On/Off the Motion Freeze feature

**Notes:**

All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

Selecting the use of Motion Freeze utilizes the Up/Down buttons to select Yes/No, Left button to back out, OK to save setting as shown and return to Photo/Video Settings submenu page.

Note that there is no use of the Right button since there are not any multi-fields to edit.



# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Task Flow: Photo/Video Settings - Video Quality

## User Task:

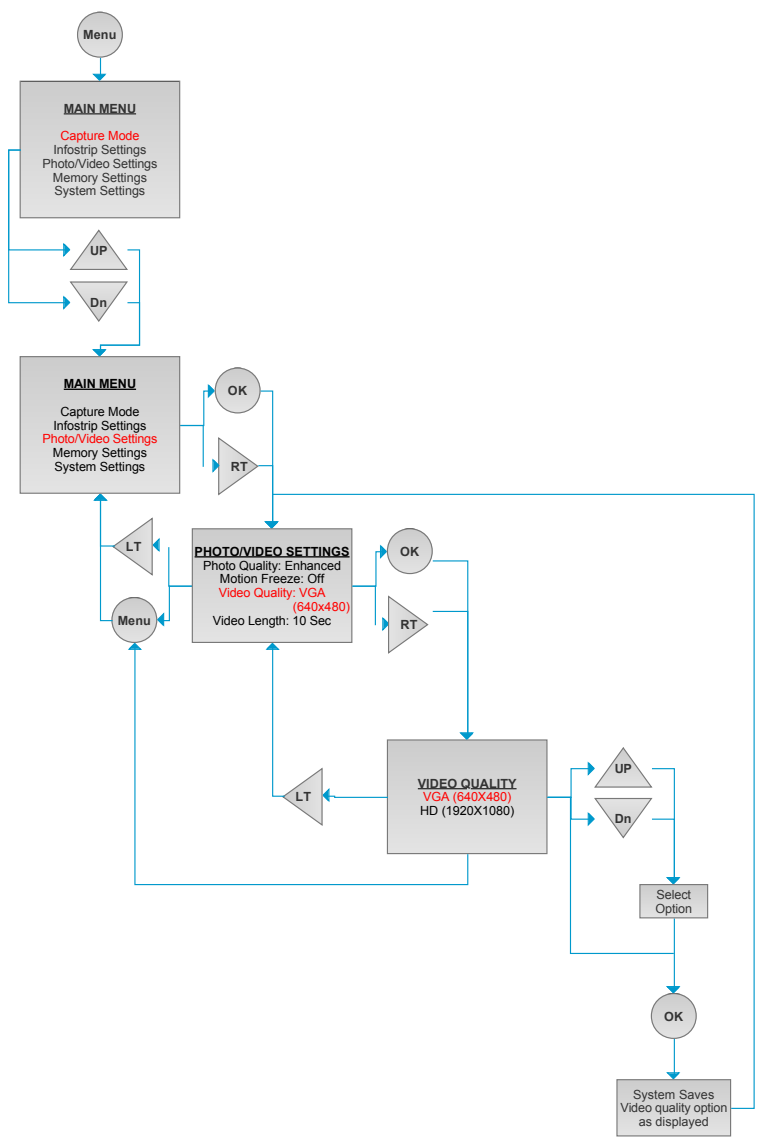
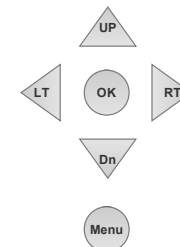
Change the quality of videos captured

## Notes:

All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

Selecting Video Quality utilizes the Up/Down buttons to select option, Left button to back out, OK to save setting as shown and return to Photo/Video Settings submenu page.

Note that there is no use of the Right button since there are not any multi-fields to edit.



# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Task Flow: Photo/Video Settings - Video Length

## User Task:

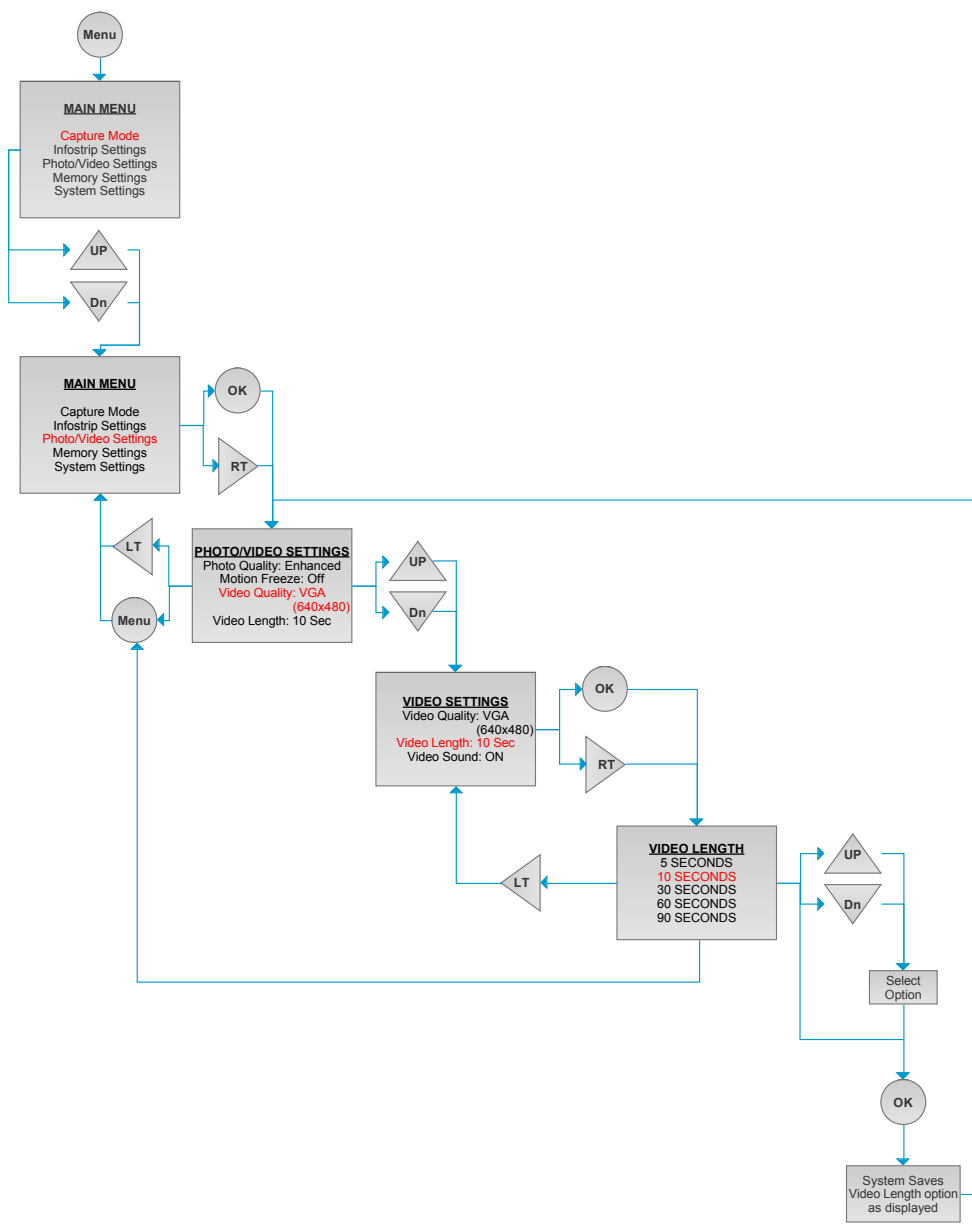
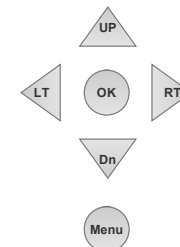
Change the length of videos captured

## Notes:

All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

Selecting Video Length utilizes the Up/Down buttons to select option, Left button to back out, OK to save setting as shown and return to Photo/Video Settings submenu page.

Note that there is no use of the Right button since there are not any multi-fields to edit.



# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Task Flow: Memory Settings - Erase All Images

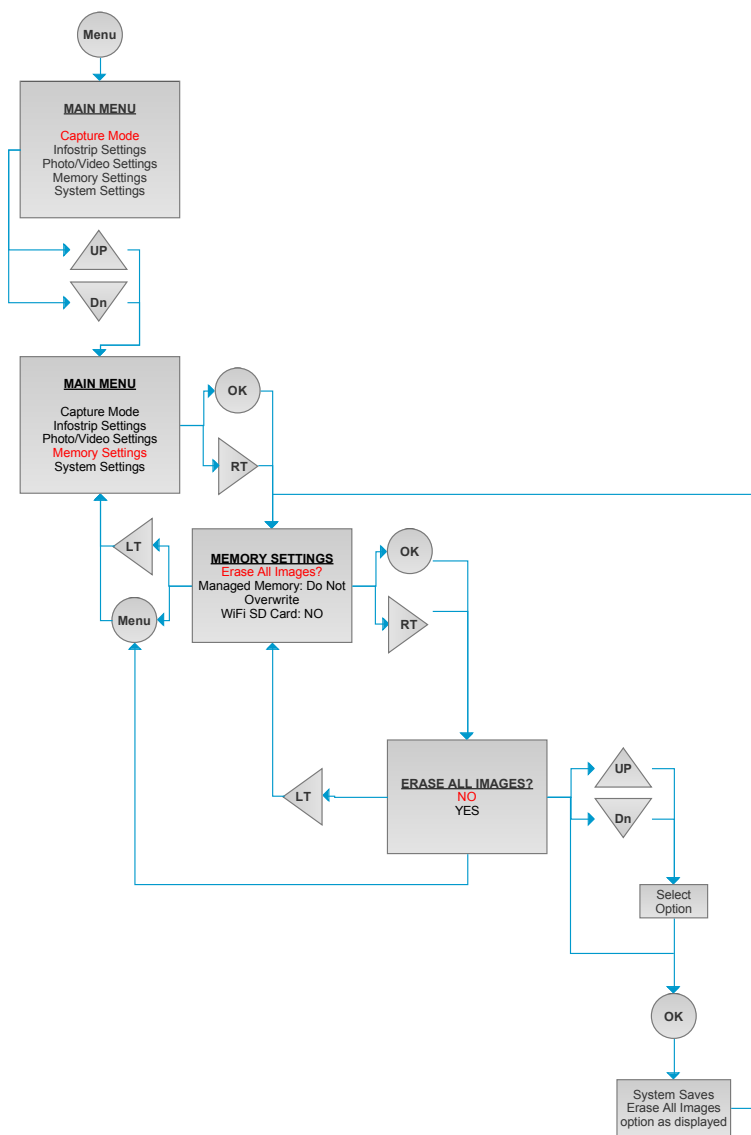
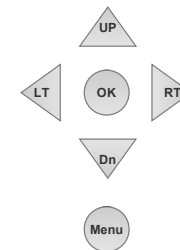
## User Task:

Erase All Images

## Notes:

All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

Selecting to Erase All Images utilizes the Up/Down buttons to select option, Left button to back out, OK to save setting as shown and return to Memory Settings submenu page. Note that there is no use of the Right button since there are not any multi-fields to edit.



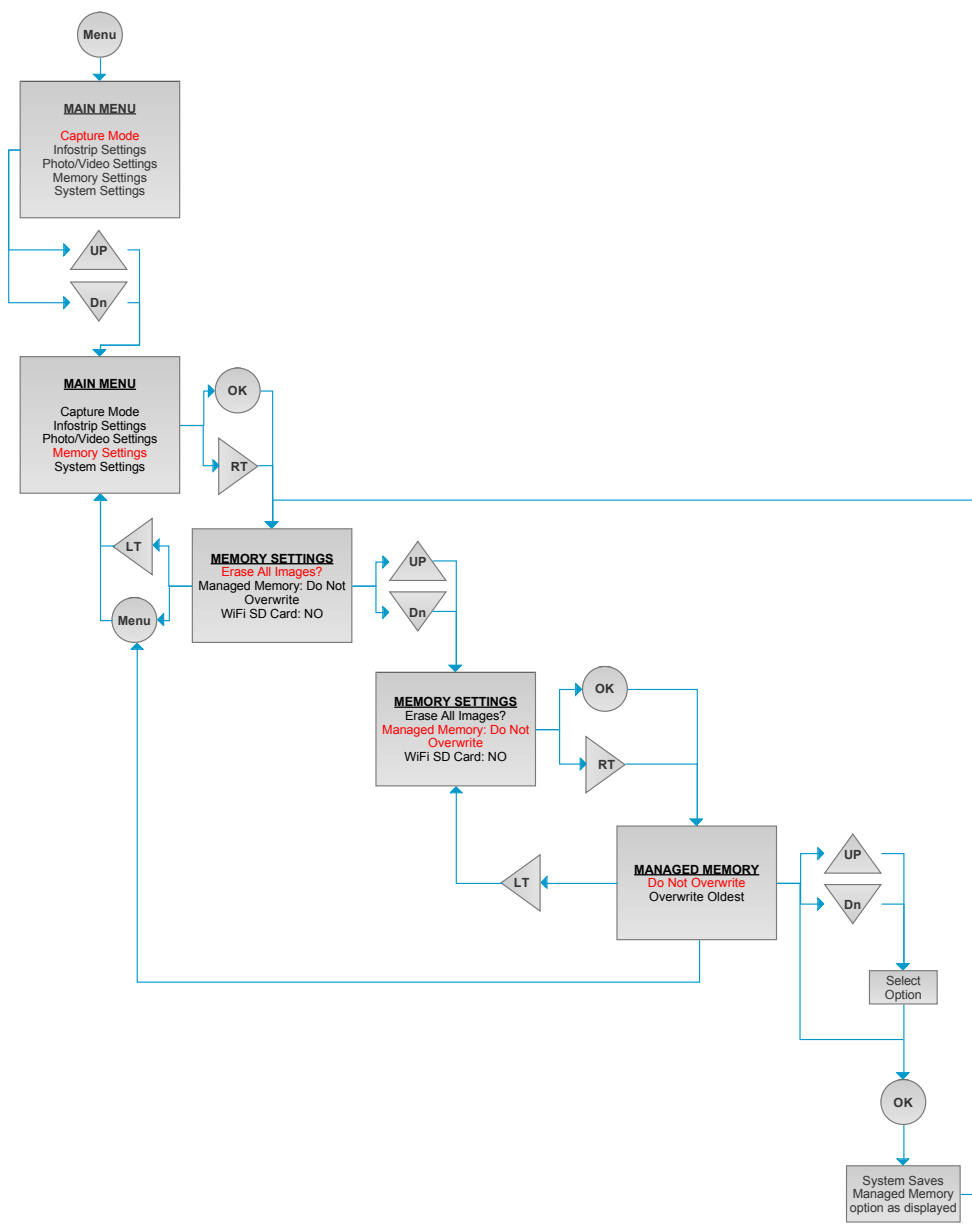
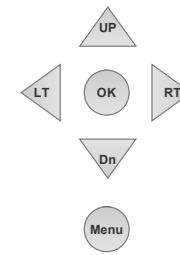


### User Task: Manage Memory Setting

#### Notes:

All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

Selecting Managed Memory utilizes the Up/Down buttons to select option, Left button to back out, OK to save setting as shown and return to Memory Settings submenu page. Note that there is no use of the Right button since there are not any multi-fields to edit.



# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

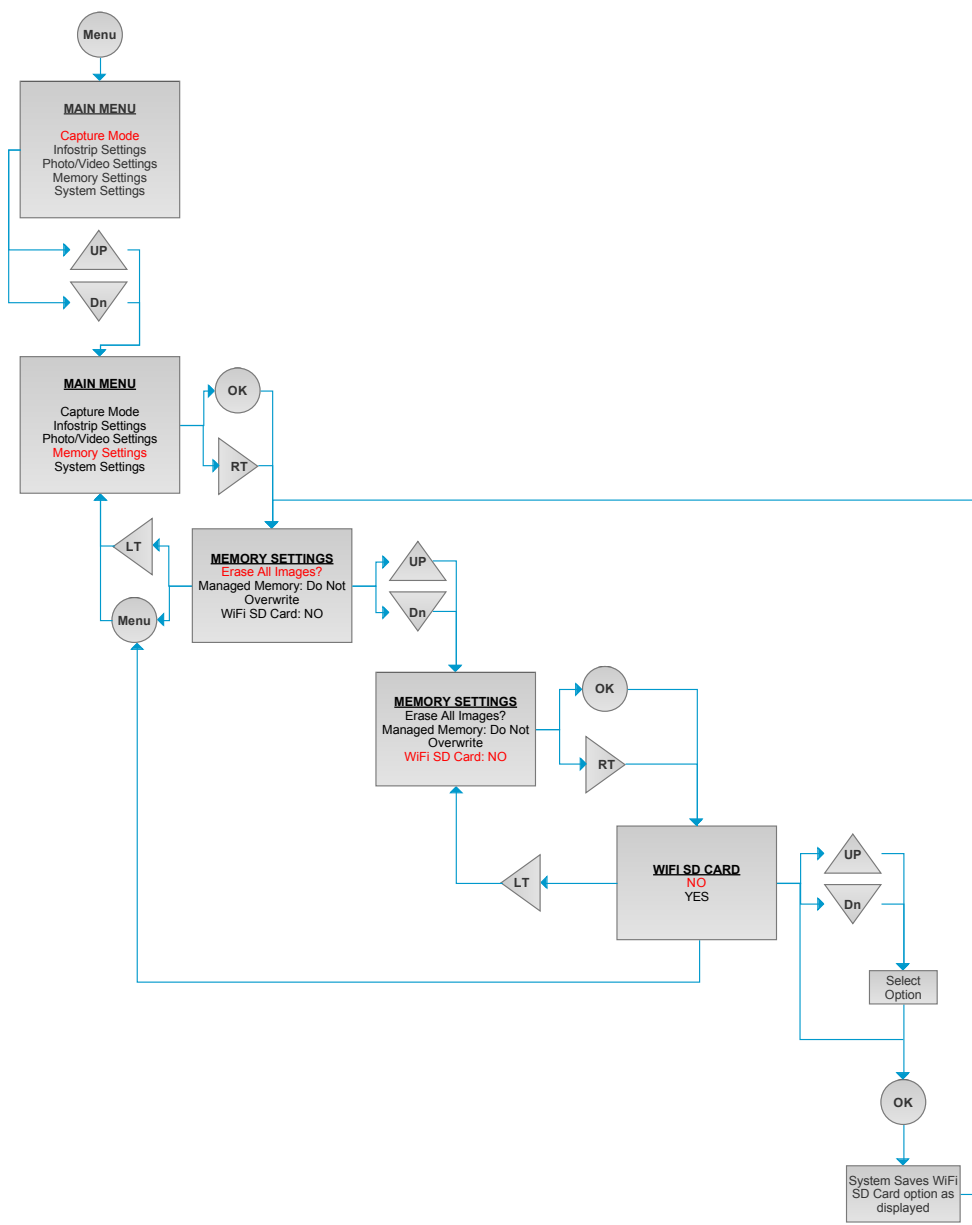
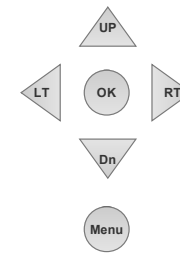
Screen Name: Task Flow: Memory Settings - WiFi SD Card

## User Task: WiFi SD Card Setting

### Notes:

All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

Selecting WiFi SD Card options utilize the Up/Down buttons to select option, Left button to back out, OK to save setting as shown and return to Memory Settings submenu page. Note that there is no use of the Right button since there are not any multi-fields to edit.



# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

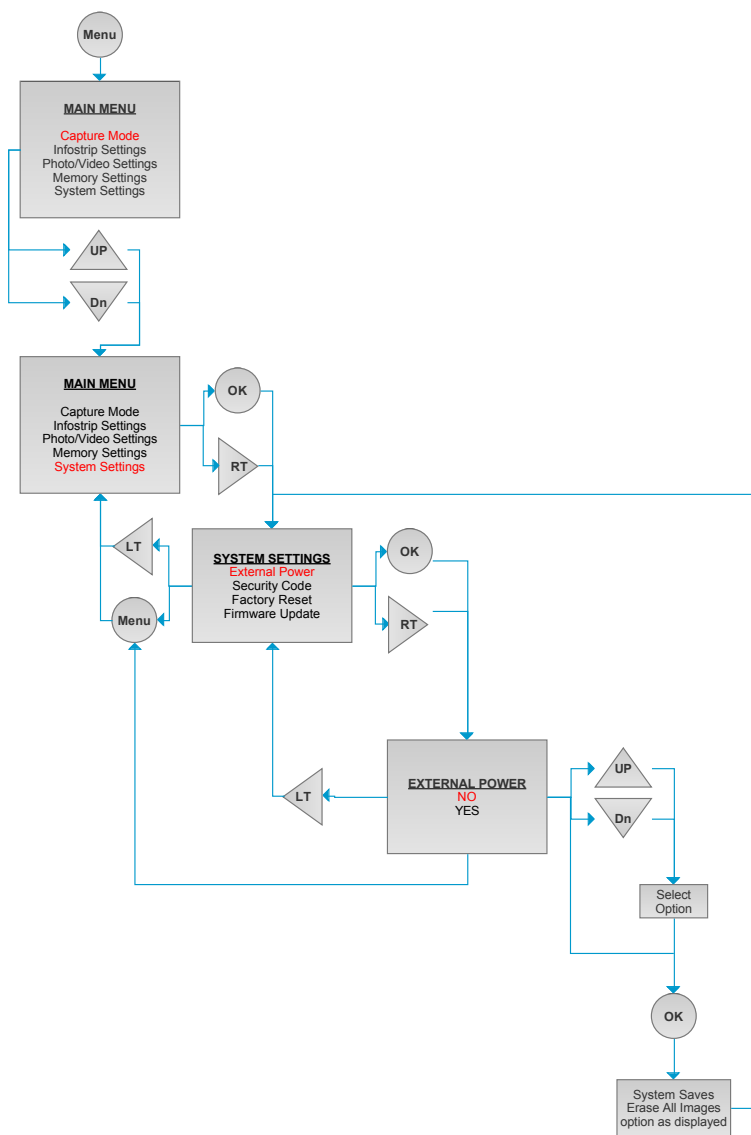
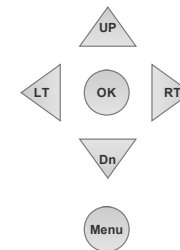
Screen Name: Task Flow: System Settings - External Power

## User Task: External Power Setting

### Notes:

All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

Selecting External Power Setting utilizes the Up/Down buttons to select option, Left button to back out, OK to save setting as shown and return to System Settings submenu page. Note that there is no use of the Right button since there are not any multi-fields to edit.

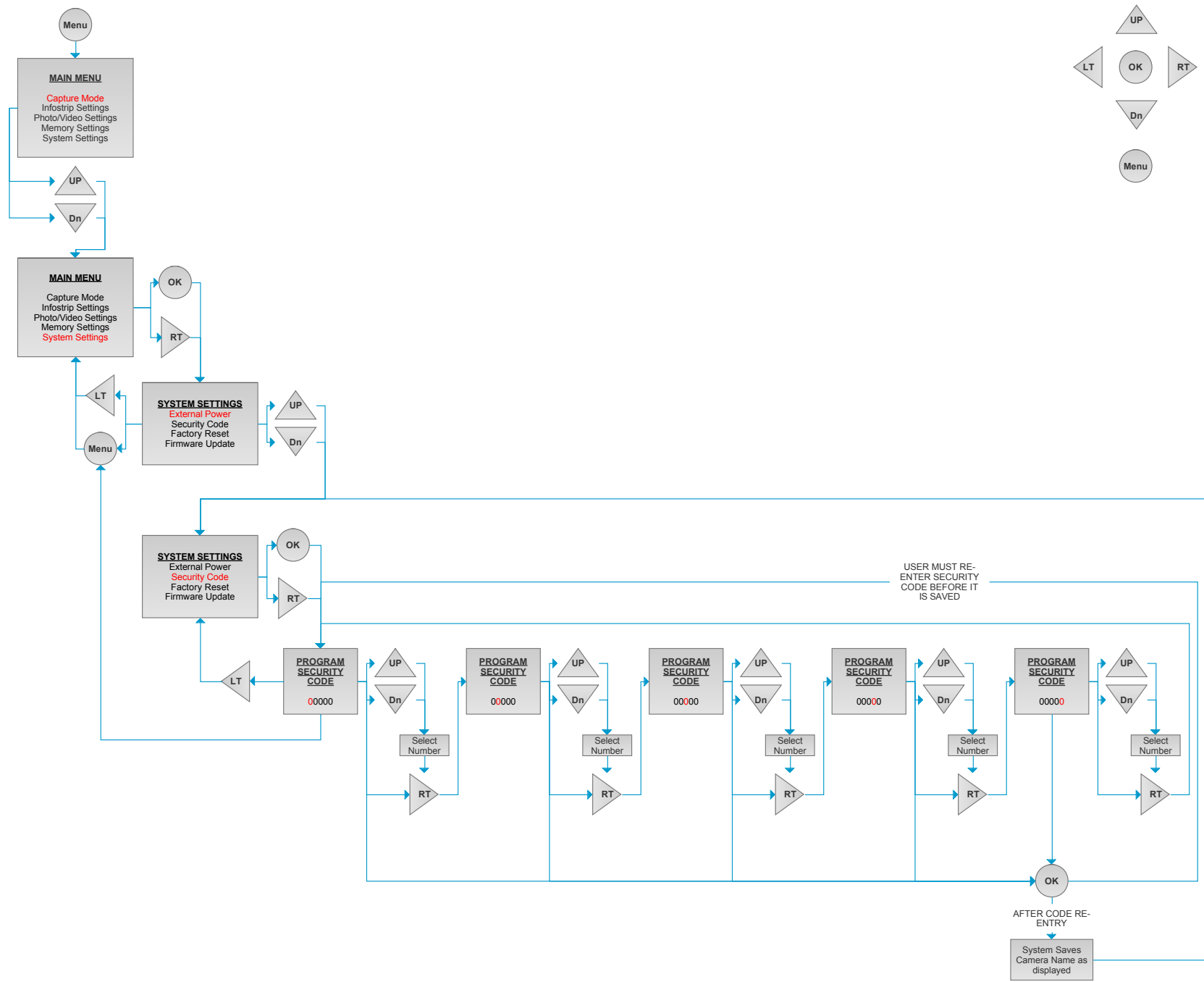
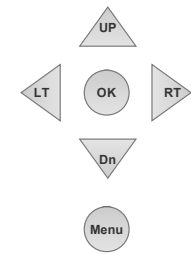


**User Task:**  
Set Security Code

**Notes:**

All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

Setting Security Code utilizes the Up/Down buttons to select option, Right button advances to the next field, Left button to back out, OK to save setting as shown and return to System Settings submenu page.



# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

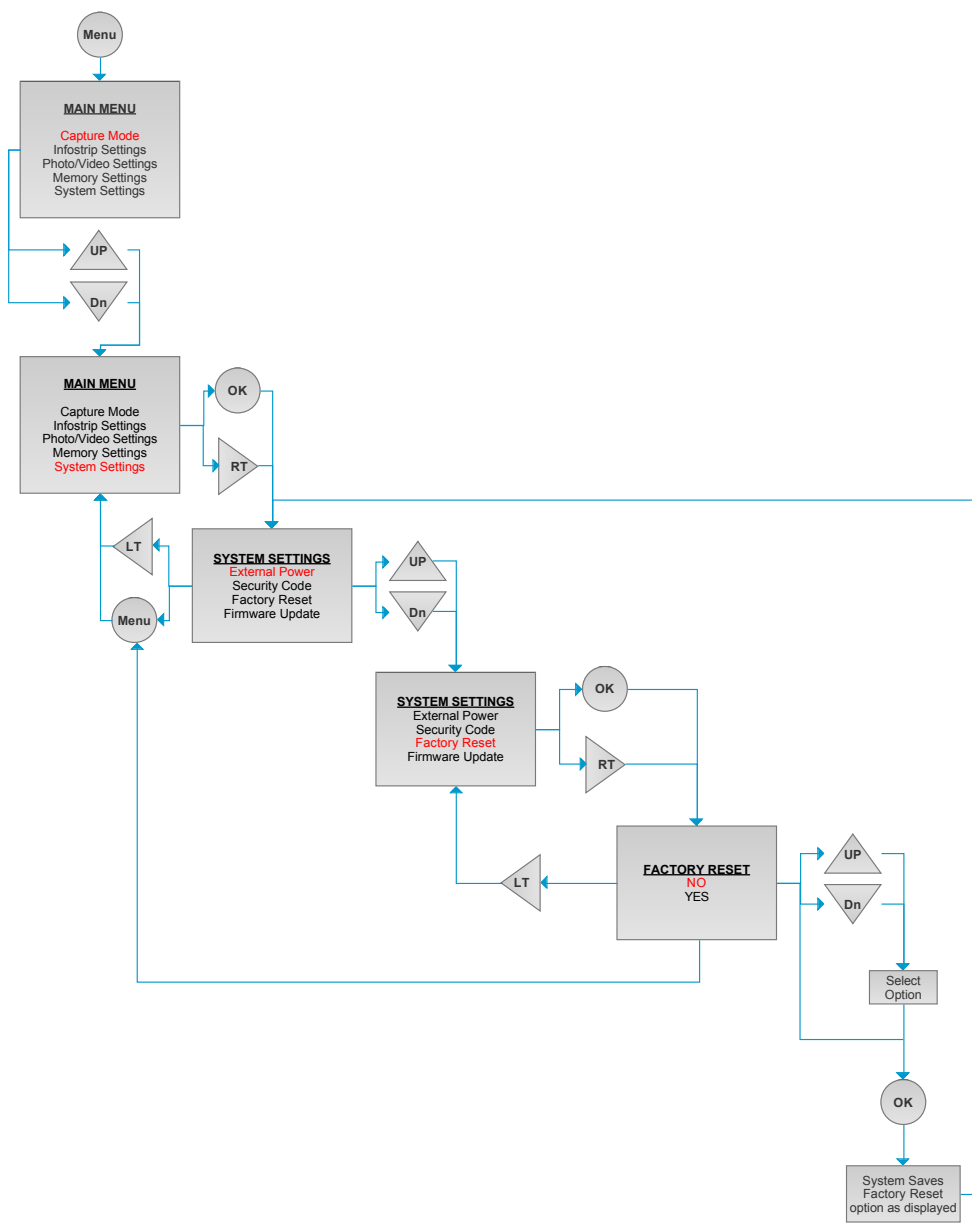
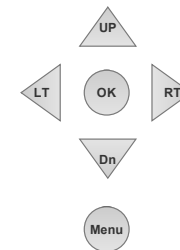
Screen Name: Task Flow: System Settings - Factory Reset

**User Task:**  
Factory Reset

**Notes:**

All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

Selecting Factory Reset utilizes the Up/Down buttons to select option, Right button advances to the next field, Left button to back out, OK to save setting as shown and return to System Settings submenu page.



# Moultrie Feeders - Mini-Series Trail Camera (Graphic Display)

Screen Name: Task Flow: System Settings - Firmware Update

**User Task:**  
Firmware Update

**Notes:**

All Menu lists loop when scrolling with Up/Down commands to allow users to choose the quickest path to the list option desired.

Selecting Firmware Update utilizes the Up/Down buttons to select option, Right button advances to the next field, Left button to back out, OK to save setting as shown and return to System Settings submenu page.

