Quick Start

GETTING STARTED:

** TURN REMOTE ON BEFORE TURNING CAMERA ON. PLEASE CHARGE THE REMOTE BEFORE USE.

INSTALL SD CARD: The camera supports SD card up to 16GB. The camera does not have any internal memory. Insert SD card with unmarked side facing front of camera. Ensure SD card slider is NOT in locked position.

CONNECT POWER: This camera is designed for Alkaline or Nickel Metal-Hydride (Ni-MH) C type batteries. Ni-MH batteries are preferred. A 6V AC to DC power cord (sold separately) can also be used with or without batteries connected. Insert 4 C batteries while ensuring polarity (+ -) is correctly orientated. To remove batteries, push finger through hole under battery compartment to lift batteries. Solar panels DO NOT charge batteries located in the camera.

CHECKING BATTERY LEVEL: Connect remote and camera. Turn remote ON. Turn camera ON. See camera battery level in bottom left corner and remote battery level in bottom right corner of LCD display

**It is strongly recommended using NiMH rechargeable batteries for best performance ON NT50B. Due to the nature of black flash LEDs consuming more power, it is strongly recommended to set the video length to a maximum of 30s for optimal performance and higher video quality. Battery life can be extended using smaller video segments.

TESTING AND WORKING MODES:

The camera has two modes: **testing mode** and **working mode**. When the camera is turned ON without being connected to the remote controller, it will go into the working mode automatically using the latest settings. The red LED will blink for 10 seconds before the camera is capable of being triggered by motion.

**If the camera beeps, it means either no SD card is inserted or the SD card is not inserted properly or not compatible.

When the camera is turned ON with the remote controller connected and also powered ON, (Note: if the remote controller is not powered ON, the camera will not detect it) the camera will go into the testing mode, allowing you to change the settings, view the photos/videos, set up your camera, etc. If at any time, the camera and remote are disconnected while the camera power is ON, the camera will automatically switch into working mode.

** Turn the remote OFF after each use. A red LED located on the bottom beside the USB battery charge port indicates the remote is ON.

** The remote enters sleep mode after 1 min of no activity. Push any key to wake it when it connects to the camera.

MENU OPERATIONS AND SETTINGS:

LIVE PREVIEW

This option allows the user to view in real time what the camera is capturing. Pictures/videos can also be taken using the "SHOT" button while in this mode. Enter preview by highlight "Live Preview" and push OK button or right arrow button.

In Live preview mode, push photo or video icon on remote to enter photo or video mode preview. Push UP Arrow for Day Color Mode. Push DOWN Arrow for Night IR Mode (picture will be black and white; 28 LED will be ON continuously while in this mode). Push SHOT button to capture picture or video. Push MENU button to return to menu

PHOTO / VIDEO PLAYBACK

This feature allows you to view pictures and video stored on the SD card. Users can ZOOM into pictures and PAN around for greater detail. Video playback includes sound through an earphone port on top of the remote; user can pause, stop, rewind, and fast forward video. Enter Playback mode by highlight "Photo / Video Playback" and push OK button or right arrow button. Scroll through pictures and video using LEFT and RIGHT ARROW buttons.

PLAY VIDEO: Video files have a "play symbol" on the bottom left corner of the picture. Push OK button to play video. Push UP or DOWN arrow to adjust volume. Push OK button to pause video. Push RIGHT arrow to fast forward or LEFT arrow to rewind. Push MENU to go back
ZOOM PICTURES: Push bottom "+" button to zoom in. Push bottom "-"button to zoom out. Push ARROWS to PAN around on picture. Push MENU to go back.
DELETING PICTURES / VIDEO: Push DEL button. Select ONE or ALL pictures / videos. Push OK to delete. Push MENU button to return to menu.

CAMERA MODE

This camera can be set to capture still pictures OR video. Highlight "Camera Mode" and push OK or right arrow button. Select VIDEO or PHOTO by using UP or DOWN arrow and Push OK to SAVE.

VIDEO LENGTH (only displayed if VIDEO mode is selected above)

Video length can be set in 10 sec increments from (10s – 1min). Highlight "VIDEO LENGTH" and push OK or right arrow button. Select desired video length and push OK to SAVE.

PHOTO RESOLUTION (only displayed if PHOTO mode is selected above)

Photo resolution can be set at 8MP, 5MP, 3MP, 1.3MP, 0.8MP, 0.3MP. Highlight "PHOTO RESOLUTION" and Push OK or right arrow button. Select desired photo resolution and push OK to SAVE.

PHOTO BURST (only displayed if PHOTO mode is selected above)

This feature allows the camera to take from 1-9 photos in rapid succession following each trigger. Highlight "PHOTO BURST" and push OK or right arrow button. Select desired number of photos per trigger and push OK to SAVE setting.

VIDEO SOUND (only displayed if VIDEO mode is selected above)

Video sound recording can be turned ON or OFF. Highlight "VIDEO SOUND" and push OK or right arrow button. Select ON or OFF and push OK to SAVE. (Sound recording may be illegal to publish with human activity in some jurisdictions.)

QUIET TIME

This feature puts the camera to sleep for the selected period of time before it can be re-activated by motion. Times include 5s, 10s, 20s, 30s, 1min, 5min, 10min, 30min, 60min. Highlight "QUIET TIME" and push OK or right arrow button. Select desired 'quiet time' push OK to SAVE.

ILLUMINATION

This feature controls the number of IR light output during night photos and video. Highlight "ILLUMINATION" and push OK or right arrow button. Select desired 'illumination' mode and push OK to SAVE. This setting is only available on NT50.

TEMPERATURE

Allows user to select either Fahrenheit or Celsius temperature settings. Highlight "TEMPERATURE" and push OK or right arrow button. Select Fahrenheit or Celsius and push OK to SAVE.

DATE / TIME STAMP

This allows user to have the date, time, and temperature stamped onto each photo or video. Highlight "Date / Time Stamp" and push OK or right arrow button. Select ON or OFF and push OK to SAVE.

SCREEN BRIGHTNESS

This setting adjusts the brightness of the remote controller/viewer. Highlight "Screen Brightness" and push OK or right arrow button. Push UP or DOWN arrow to select desired brightness and push OK to SAVE.

SET DATE / TIME

This feature allows the user to set the display format of date / time and set the current date and time. Highlight "Set Date / Time" and push OK or right arrow button. Select one of three menu options below:

DATE FORMAT: Select the desired Date Format and push OK to SAVE.

TIME FORMAT: Select desired Time Format and push OK to SAVE

SET DATE / TIME: Set using UP, DOWN, RIGHT, and LEFT arrow and push OK to SAVE.

Push MENU button to return to menu

SET DUTY TIME

This feature allows the user to program the camera to turn ON and OFF at a specified time. Highlight "Set Duty Time" and push OK or right arrow button.

SET START TIME: Set camera START time using ARROWS and push OK to SAVE.

SET STOP TIME: Set camera STOP time using ARROWS and push OK to SAVE.

Push MENU button to return to menu

ACCESS CONTROL

This feature allows the user to set a 4-digit password to deter theft and render the camera unusable without the password. Highlight "Access Control" and push OK or right arrow button.

SET PASSWORD: Select desired password using ARROWS and push OK to SAVE.

DISABLE PASSWORD: Select and push OK to disable password.

BATTERY TYPE

This camera is a precisely tuned instrument. It is recommended to use high quality alkaline or NiMH batteries. Programming which batteries are present will maximize the cameras potential. Highlight "Battery Type" and push OK or right arrow button. Select ALKALINE or Ni-MH batteries and push OK to save setting.

FORMATTING SD CARD

Formatting the SD card removes all files on the memory card and prepares it for use in the camera. Highlight "Format SD Card" and push OK or right arrow button. Select YES to format SD card and push OK to proceed with formatting SD card.

CAMERA INFORMATION

Highlight "Camera Information" and push OK or right arrow button for the following information: FILES COUNT, STORAGE and FIRMWARE VERSION

TRANSFERING PICTURES AND VIDEO TO A COMPUTER:

Pictures and video can be removed in one of two ways:

- SD memory card can be removed from camera (ALWAYS ensure camera is OFF before removing SD card) and transferred to another computer or SD card reader.
- Connect camera to computer using supplied USB cable. Connect camera to computer with USB cable. Turn camera ON. Computer will recognize camera and prompt you to open file or save pictures

Package Contents:
- Camera
- Remote controller/viewer
- Remote to Camera Cable
- USB cable
- Video cable
- Nylon mounting strap