

Frequently Asked Questions: TruCAM II/ TruVISION

I have plugged my battery in to charge and the LED Charge Indicator does not illuminate when the Charging Cable is plugged in?

Li-ion battery cells must have a nominal voltage of approximately 2 volts within them before a large amount of current can be applied. If the cells are below 2 volts, a high current could be dangerous. Therefore, if the cell voltage is less than the nominal 2 volts, the internal charging circuit supplies a very small amount of current to slowly bring the battery charge up to a nominal voltage.

Pre-charging Routine

Leave it plugged in for at least one hour to trickle charge the Battery Pack. If after one hour there is a good level of voltage, charging can occur.

Disconnect both ends of the Charging Cable. Reconnect both ends of the Charging Cable.

- If enough voltage is present, charging will start and the LED will be orange.
- If the LED Charge indicator still does not illuminate, contact LTI Service or an LTI authorized service center for assistance. See the inside front cover for LTI contact information.

The unit is not responding properly to taps and double taps.

The LCD touch screen needs to be aligned

- Access the Systems Options screen
- Select or double-tap the Align screen "Proceed" option
- Follow the prompts to re-align the screen

I changed the time zone on the System Setup screen, but the Date & Time was not updated.

The change is not immediately displayed.

- The Date & Time is only updated when the GPS has a fix. In most cases it will be necessary to go outside. If the Time Zone has changed by a significant amount, it can take up to 30 minutes for the time to sync with the GPS. Or, manually force the date and time update by taking a zero speed measurement.

On the Device Information screen, the Last Alignment Check displays an incorrect date.

The Last Alignment Check is only updated after you have completed a minimum of 5 test tones.

You may have completed less than 5 test tones. Repeat the Scope Alignment test and remember to tap the icon that looks like a Floppy Disc to save the test results before exiting the screen.

The various Power OFF intervals are inconvenient, either too short or too long.

When intervals are too long, it drains the battery charge.

The default values associated with the various Power OFF intervals are designed for battery life. The Power OFF intervals can be extended or shortened on the Device Parameters screen.

I want to increase the on-time of the GPS.

On the Parameters Screen set the GPS interval to 0 to prevent the GPS from powering OFF

NOTE: the continual on-time will shorten battery life.

Difficult to see the LCD Touch Screen.

- Tap the icon with the light bulb to adjust the intensity of the LCD backlight

- Attach the Sun Shade
- Change your location in relation to the sun.

The in-scope aiming reticle is not visible.

- Press the fire button to activate the aiming reticle
- Tap the Heads Up Display (HUD) brightness icon (this looks like the HUD with 888 in the center) to increase the intensity
- Adjust the polarizing filter

The images I am taking with the unit are not in focus

If Auto Focus is enabled the AF symbol will be displayed in the Icon Bar at the top of the LCD touch screen

- If Auto Focus is not enabled or has been turned off inadvertently tap the icon (red) on the bottom of the LCD touch screen that has the camera with the lettering AF in the upper left-hand corner.
- The unit will now be back in the auto focus mode

Shutter speed is another consideration for good quality images. The shutter speed is the length of time that the shutter remains open as the image is captured. The current shutter speed is displayed in the Icon Bar at the top of the LCD touch screen.

The unit also has an Auto Adjust for the shutter speed (recommended)

- When Shutter Speed Auto Adjust is enabled the ADJ icon is displayed in the Icon Bar at the top of the LCD touch screen

If you want to control shutter speed tap on the icon (blue) that has a camera with the image of a shutter in it.

- Available option: 125, 250, 500, 1K0, 1K5, 2K0
- The actual shutter speed is inversely related to the shutter speed value displayed. So, to increase the shutter speed, select a smaller setting.
 1. Range: 2K0=1/2000 second (bright day) to 125= 1/125 second (dark day)
 2. 125 is suitable for dark environments
 3. 250 is suitable for lower speed zones
 4. 500 is suitable for faster speed zones
 5. Higher shutter speeds may be suitable for bright environments

After a short period of use it seems like my SD card gets filled up extremely quickly.

This is a direct correlation of the settings you have regarding Frame Rate and Track Storage

- Frame Rate is the amount of video captured before the speed measurement and that is fixed at 1.2 seconds. Frame rate allows the operator to set the rate at which still images are captured before the speed reading.
- Track Storage is the frame rate of the still images captured after the speed measurement until the Track Distance is met.

The default setting of these measurements are as follows:

- Frame Rate - 25 per second
- Track Storage - 12 per second

NOTE: Using these default settings will make for a very legible file view while maximizing the amount of space on the SD card.