FLIR Boson GUI v1.4.4 QuickStart Guide
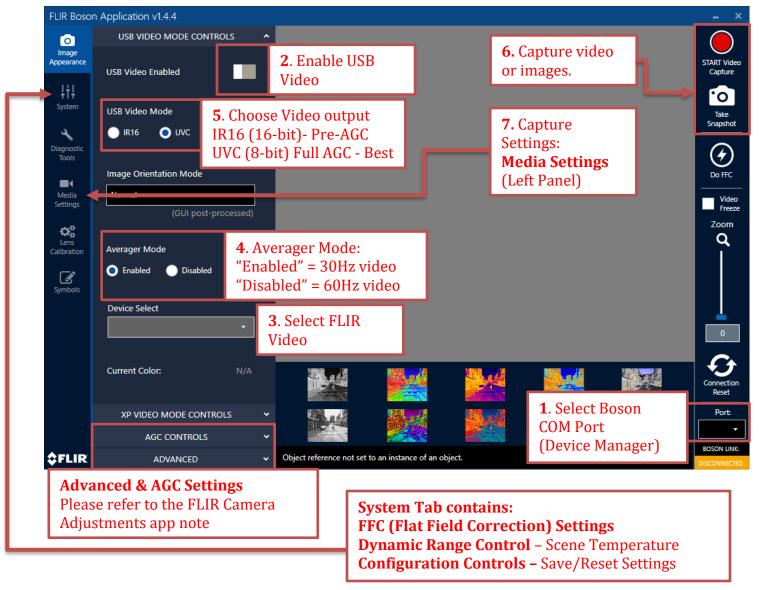
Download and install The Boson GUI
Open the Boson App GUI and follow steps below

FLIR Boson Application v1.4.4

USB VIDEO MODE CONTROLS

USB Video Enabled

2. Enable USB Video

USB Video Mode
IR16   UVC

5. Choose Video output
IR16 (16-bit)- Pre-AGC
UVC (8-bit) Full AGC - Best

Image Orientation Mode

Normal

(GUI post-processed)

Averager Mode
Enabled   Disabled

4. Averager Mode:
"Enabled" = 30Hz video
"Disabled" = 60Hz video

Device Select

3. Select FLIR Video

Current Color: N/A

XP VIDEO MODE CONTROLS

AGC CONTROLS

ADVANCED

Object reference not set to an instance of an object.

6. Capture video or images.

7. Capture Settings:
Media Settings
(Left Panel)

START Video Capture

Take Snapshot

Do FFC

Video Freeze

Zoom

0

Connection Reset

1. Select Boson COM Port (Device Manager)

Port:

BOSON LINK:
DISCONNECTED

Image Appearance

System

Diagnostic Tools

Media Settings

Lens Calibration

Symbols

Advanced & AGC Settings
Please refer to the FLIR Camera Adjustments app note

System Tab contains:
FFC (Flat Field Correction) Settings
Dynamic Range Control – Scene Temperature
Configuration Controls – Save/Reset Settings

If video freezes or the Boson's COM port does up in the port selector, click connection reset (near step 1.) and follow the steps above.

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