

FLIR Boson GUI v1.4.4 QuickStart Guide

Download and install The Boson GUI
Open the Boson App GUI and follow steps below

The screenshot shows the FLIR Boson GUI v1.4.4 interface. The main window is titled "FLIR Boson Application v1.4.4". On the left is a navigation sidebar with icons for Image Appearance, System, Diagnostic Tools, Media Settings, Lens Calibration, and Symbols. The main area is titled "USB VIDEO MODE CONTROLS" and contains several sections: "USB Video Enabled" (checkbox), "USB Video Mode" (radio buttons for IR16 and UVC), "Image Orientation Mode" (dropdown menu), "Averager Mode" (radio buttons for Enabled and Disabled), "Device Select" (dropdown menu), "Current Color" (N/A), and a grid of image thumbnails. At the bottom are sections for "XP VIDEO MODE CONTROLS", "AGC CONTROLS", and "ADVANCED". On the right is a vertical toolbar with buttons for "START Video Capture", "Take Snapshot", "Do FFC", "Video Freeze", "Zoom" (slider), "Connection Reset", and "Port:" (dropdown menu). A status bar at the bottom right shows "BOSON LINK: DISCONNECTED".

2. Enable USB Video

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

6. Capture video or images.

7. Capture Settings:
Media Settings
(Left Panel)

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

3. Select FLIR Video

1. Select Boson COM Port
(Device Manager)

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.

This document does not contain any export-controlled information



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