



Software supported by the FLIR A400/A500/A700 and FLIR A50/A70 series cameras

Software supported by FLIR Automation cameras

The matrix presents software supported by the cameras and configurations of the FLIR A400/A500/A700 and FLIR A50/A70 series.

Table 1.1 Supported software

| Software | Smart Sensor | Advanced Smart Sensor | Image Streaming | Advanced Image Streaming |
|--|--------------|-----------------------|-----------------|--------------------------|
| FLIR IP Config | Yes | Yes | Yes | Yes |
| Camera web interface | Yes | Yes | Yes | Yes |
| Built in analytics (spots, boxes, etc) | Yes | Yes | No | No |
| Ethernet/IP & Modbus TCP | Yes (Server) | Yes (Client & Server) | No | No |
| FLIR Atlas SDK | No | Yes | Yes | Yes |
| FLIR Spinnaker SDK | No | No | Yes | Yes |
| Pleora eBUS SDK | No | No | Yes | Yes |
| REST API | Yes | Yes | No | No |
| MQTT | Yes | Yes | No | No |
| FLIR Thermal Studio | No | Yes | Yes | Yes |
| FLIR Research Studio | No | Yes | Yes | Yes |
| FLIR ResearchIR | No | No | No | No |
| FLIR Tools/Tools+ | No | No | No | No |

Table 1.2 Software details

| Software | Comment |
|--|---|
| FLIR IP Config | Used for detecting FLIR Automation cameras on the network and assigning IP addresses. NOTE: Use FLIR IP Config version 3.2 or higher. |
| Camera web interface | Used for camera configuration and firmware update. |
| Built in analytics (spots, boxes, etc) | Setup from web interface. NOTE: No analytics on the Image Streaming cameras. |
| Ethernet/IP & Modbus TCP | Used for connecting the camera to SCADA/HMI systems. |
| FLIR Atlas SDK | Visual camera option needed for dual streaming. Available for Windows. |
| FLIR Spinnaker SDK | GigE Vision SDK; no license needed. Only one stream over GVSP, visual camera stream available over RTSP or HTTP. <i>GEV Demo</i> sample project is available on FLIR support site. Available for Linux and Windows. |
| Pleora eBUS SDK | GigE Vision SDK; license from Pleora needed. Only one stream over GVSP, visual camera stream available over RTSP or HTTP. |
| REST API | GET/POST commands |
| MQTT | Used for reading temperature values from the camera. |
| FLIR Thermal Studio | Visual camera option needed for dual streaming. |
| FLIR ResearchIR | Can be used for editing of saved images. No live streaming. |
| FLIR Tools/Tools+ | Can be used for editing of saved images. No live streaming. |



Website
<http://www.flir.com>

Customer support
<http://support.flir.com>

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