



**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	No	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	No	Yes
FLIR Research Studio	No	Yes	No	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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