



## OpsInsight™ 8410P1 Series Internet Protocol Camera

UTC Aerospace Systems offers an internet protocol (IP) camera with integrated microphone for aircraft video security and surveillance. The 8410P1 Series IP camera covertly produces digital video and audio signals from the cabin area, flight deck and cargo bays.

The IP camera streams these signals to a Digital Video Recorder, EFB or aircraft avionics systems to provide the flight crew and ground operators with comprehensive, real-time awareness of on-aircraft situations.

### Features & Benefits

- Internet Protocol (IP) cameras allow transition from analog to all-digital system, customizable to meet installation requirements
- Small envelope and lightweight package allow for installation in class dividers and other confined aircraft areas
- Covert pin-hole installation with wide field of view
- Optimized low light performance with VGA sensor to <1 lux without IR illumination
- Cabin, flight deck and cargo video surveillance systems can be networked together or installed as stand-alone systems
- Integrated microphone for audio recording
- Can be installed with connector up or down for maximum cable routing flexibility
- IP cameras can be easily integrated with OpsInsight Aircraft Data Management platform for additional system connectivity, including displaying video streams on Windows or iOS tablets



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UTC Aerospace Systems is a leading provider of aircraft video security and safety systems for commercial aerospace and defense industries. Our commitment is to help our aerospace customers and partners develop and maintain safer, lighter, more reliable and more efficient aircraft. With over 100 years of innovation behind us, we excel in meeting customer needs.

## Camera Specifications

|  |   |
|--|---|
| <b>Video Signal</b>                      | Dual Stream MPEG-4 (H.264) and MJPEG over Ethernet (RTP/RTSP) |
| <b>Video Format</b>                      | Color or Monochromatic  |
| <b>Resolution</b>                        | 640 x 480 pixels  |
| <b>Field of View</b>                     | 50° horizontal / 37.5° vertical                               |
| <b>Frame Rate</b>                        | 1 - 30 FPS configurable                                       |
| <b>Power Consumption</b>                 | 2.5W max. at 28 VDC   |
| <b>Video Compression</b>                 | H.264   |
| <b>Operating Temperature</b>             | 5°F to 131°F / -15°C to +55°C                                 |
| <b>Weight</b>                            | 1.5 lb. / 0.68 kg   |
| <b>Dimensions</b><br>(without connector) | 2.7 x 2.7 x 1.3 in.<br>6.8 x 6.8 x 3.2 cm                     |
| <b>Qualification</b>                     | Qualified for commercial aircraft                             |
| <b>Low Light Performance</b>             | <1 lux  |
| <b>Microphone</b>                        | Omnidirectional, -44 dB sensitivity                           |
| <b>Audio Output</b>                      | G.711 / AAC   |

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