



## EYE IN THE SKY - High Definition Cockpit Camera Capturing the Instrument Panel and the Pilot's View

Enable powerful HD cockpit video recording with three channels of audio from the pilot & radio, intercom, and ambient sound.

Equipped with a synchronized GPS, the Eye in the Sky (EITS) provides accurate aircraft position, altitude, ground speed, G-force, and heading details. Built-in accelerometers record the G-force in the X, Y, and Z axis.

A battery in the unit ensures data capture for up to two minutes after shutdown or in the case of power loss. The captured parameters are found on a secure SD card within a crash-resistant and tamper-proof housing.

Remove the secure SD card with the supplied access tool, and insert the EITS card reader into your computer to download the flight data. Analyse and export your footage and data using the supplied Eye in the Sky software suite.

### The Eye in the Sky Includes:

- AML Supplementary Type Certificate (STC)
- Installation Instructions
- Connectors and Audio Isolation Unit
- GNSS Antenna
- Approved mount specific to aircraft type
- SD card and tamper-proof SD housing key
- USB card reader
- Software suite & ongoing support
- SOP's for your SMS



### Discover SKYTRAC

Over its 35 year history, SKYTRAC has become the partner of choice for data-guided business insights. As an Iridium Aviation Partner, SKYTRAC is well-positioned to leverage Iridium Certus broadband to provide operators with leading capabilities.



SKYTRAC is part of the ACR Group of companies.

# EYE IN THE SKY DATA SHEET

## HIGH-DEFINITION CAMERA WITH AUDIO



## PRODUCT SPECIFICATIONS

### GENERAL

#### STORAGE CAPACITY

512GB (approx. 22 hours)

#### INPUT SUPPLY VOLTAGE

11-33V DC

#### INPUT SUPPLY CURRENT

1.0A maximum @ 11V

#### DIMENSIONS

3.15" x 2.4" x 1.5"

80mm x 61.5 mm x 39mm

#### WEIGHT

135 g (0.3 lbs)

#### OPERATING TEMPERATURE

-10 to + 55 °C

### INTERNAL SENSING

#### Sense Axis/Range

X, Y, Z / ±16g

#### SENSE RESOLUTION

0.0005g, 0.012g or better

#### SENSE RATE

10Hz

### CAMERA

#### IMAGE RESOLUTION

High Definition Video (1280\*720p)

#### LOW LIGHT SENSING

200-300 lux

#### IMAGE FRAME RATE

30 Frames per Second

#### LENS

M12 mount, 2.1mm, 1/2.5", 5MP

### RECORDED SENSING

#### LAT & LONG

Degrees, 1 Hz, 0.000001 deg

#### GNSS ALTITUDE

Feet, 1 Hz, 1 ft

#### GNSS GROUND SPEED

Knots, 1 Hz, 0.01 kts

#### GNSS TRACK

Degrees, 1 Hz, 0.01 deg

#### X-Y-Z MOTION

G Forces, 4Hz, 0.001g

### AUDIO

#### AUDIO INPUT CHANNELS

3 channels - pilot & radios, intercom and ambient sound

#### AUDIO SAMPLING RATE/RESOLUTION

48KHz/16-bit

#### AMBIENT INPUT FREQUENCY RANGE

100 HZ - 10KHz

#### COCKPIT AUDIO LINE-IN

#### FREQUENCY RANGE

10Hz - 20KHz

### BATTERY

#### BATTERY TYPE

Lithium-Iron Phosphate 14500 single cell

#### BATTERY VOLTAGE

3.2V with over voltage protection

#### BATTERY CAPACITY

500mAh

#### RUN TIME AFTER POWER LOSS

Approximately 1.5 minutes

Specifications subject to change. Contact [sales@skytrac.ca](mailto:sales@skytrac.ca) for latest revision.