

SelfieCam

ENGINEERING CAMERA



Infinity Avionics SelfieCam is a flight proven, low resolution camera ideal for deployment monitoring, spacecraft orientation identification or low-resolution earth imaging.

On-board JPEG encoding enables small image sizes to support easy data downlink even with a weaker communication link. SelfieCam comes in a small form factor and can be directly mounted on spacecraft chassis.

MAIN FEATURES

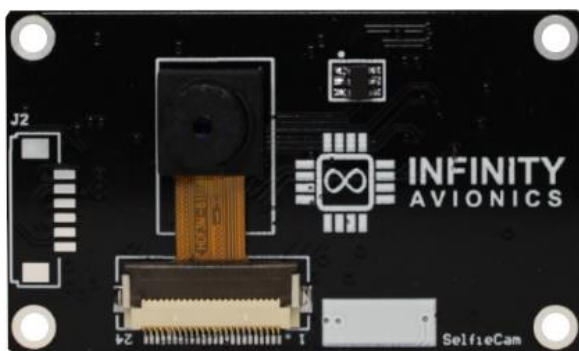
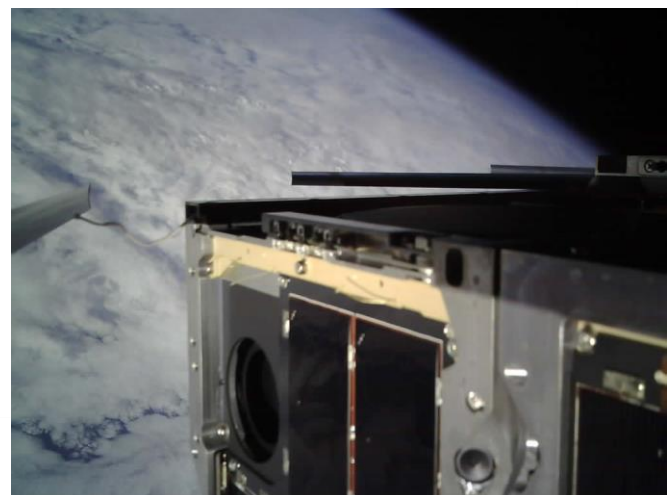
- Flight Heritage since 2018
- 40° field of view (90° and 110° field of view options are available)
- SEU immune MRAM memory
- Small form factor of 50 mm x 30 mm
- On-board JPEG encoding
- UART interface
- 1024 x 768 resolution
- Space qualified to NASA GEVS standard

General Specifications

Supply Voltage	5V
Communication Interface	UART ASCII
MRAM Memory	4 Mbit
Encoding	JPEG
Input Power	500 mW max
Operating Temperature Range	0° C to 50° C

Size and Weight

Mass	10 g
Length	50 mm
Width	30 mm



SelfieCam engineering camera is made under license from UNSW

Issue 2: Rev 1.1

Email: info@infinityavionics.com