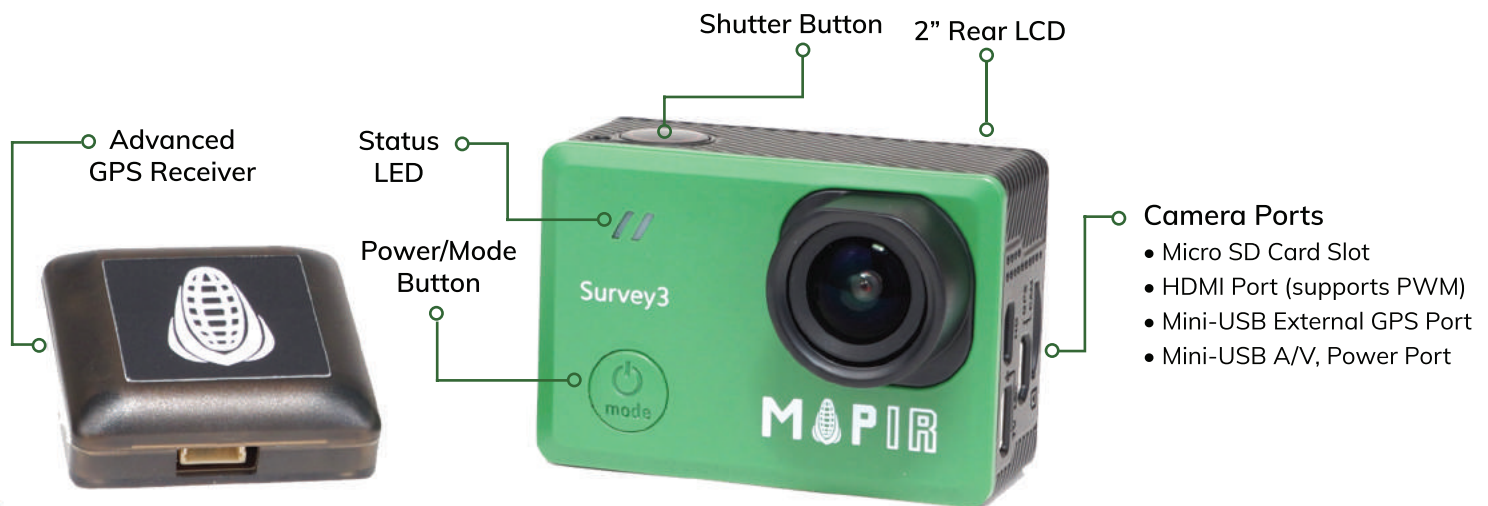


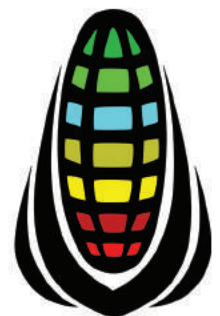


The MAPIR Survey3 camera line provides a compact, affordable multi-spectral camera option that can be used on the ground as well as attached to your aerial drone (UAS) platform. With 2 lens and 6 filter options you have the choice to capture various wavelengths of light using a single camera.



KEY FEATURES

- 12MP sensor captures either RAW+JPG or JPG images
- Wide (W) and Narrow (N) non-fisheye lens options available
- Ground Resolution: S3W 5.5cm/px, S3N 2.5cm/px (120m AGL)
- Works with any drone using our various mounting options
- All images are automatically geo-tagged using included GPS
- Optional upgraded Advanced GPS receiver available
- Triggering options: Interval/Timer and external PWM capture modes
- Extract images easily over USB using PWM signal



SURVEY3 CAMERAS

► INSTALLATION OPTIONS

The Survey3 cameras are easily integrated onto any drone (UAS) using MAPIR's various mounts. We offer mounts for most popular drone models such as DJI Inspire 1, Phantom 4, Mavic Pro, and 3DR Solo.



MAPIR
Magpy



DJI
Inspire



DJI
Phantom

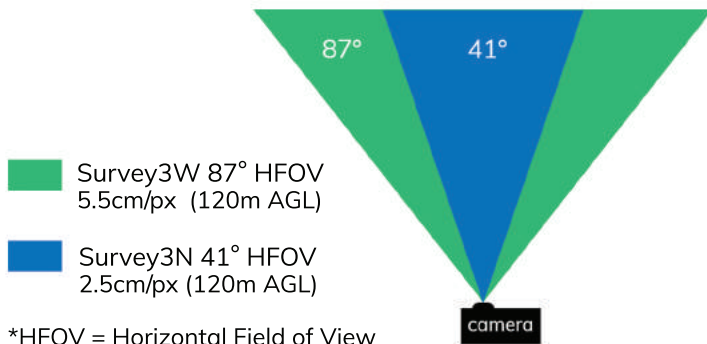


DJI
Mavic



3DR
Solo

► LENS OPTIONS



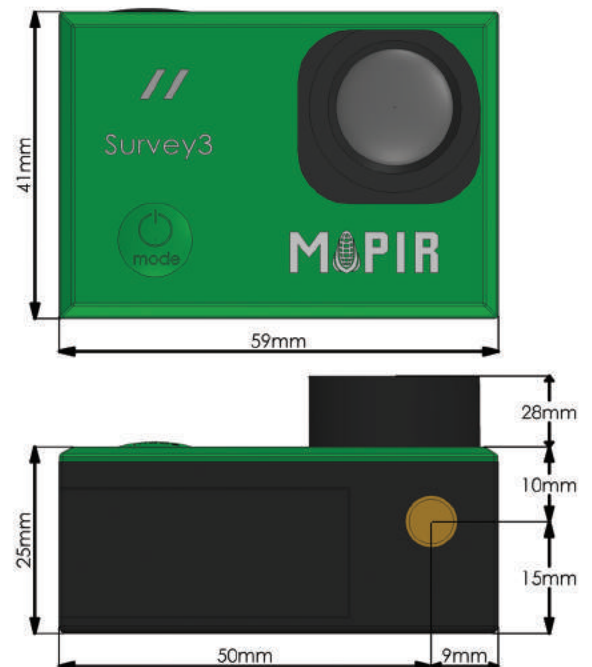
► FILTER OPTIONS

RGB	Red + Green + Blue
OCN	Orange (615nm) + Cyan (490nm) + NIR (808nm)
RGN	Red (660nm) + Green (550nm) + NIR (850nm)
NGB	NIR (850nm) + Green (550nm) + Blue (490nm)
RE	RedEdge (725nm)
NIR	NIR (850nm)

► SPECIFICATIONS

Data Capture	12 MegaPixel (4,000 x 3,000 px), 8MP Stills RAW(12bit)+JPG(24bit), JPG(24bit) Stills Format 2160p24, 1440p30, 1080p60, 720p60 Video H.264 Codec, .MP4 Video Format
Sensor	Sony Exmor R IMX117 12MP (Bayer RGB)
Photo Interval	1.5s/JPG, 2.8s/RAW+JPG
Remote Trigger	PWM via HDMI Port
Shutter Speed	1/2000 to 1 Min, Auto
ISO	50, 100, 200, 400, 800, 1600, Auto
GPS/GNSS	ublox UBX-G7020-KT, ublox NEO-M8N
Storage	MicroSD (Class10 UHS-1) Up To 128GB
Battery	1200mAh Li-Ion (150 minutes)
Charging	USB DC 5V 1A (1000mA)
Weight	49.8g (No Battery), 75.4g (With Battery)
Included	Survey3, USB Cable, GPS, Battery, Lens Cap

► DIMENSIONS



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