

Specifications

Weight	Altum + DLS 2: 406.5 g (14.34 oz) Altum: 357 g (12.6 oz) DLS2: 49 g (1.73 oz) Wi-Fi Adapter: 2 g (0.07 oz) USB stick: 9 g (0.32 oz)
Dimensions	8.2 cm x 6.7 cm x 6.45 cm (3.2 in x 2.6 in x 2.5 in)
External Power	4.9-25.2V
Power Input	5.5/7.0/10W (standby, average, peak)
Spectral Bands	EO: Blue, green, red, red edge, near infrared (NIR) LWIR: thermal infrared 8-14um
Sensor Resolution	2064 x 1544 (3.2 MP per EO band) 160 x 120 thermal infrared
Ground Sample Distance (GSD)	5.2 cm per pixel (per EO band) at 120 m (~400 ft) AGL 81cm per pixel (thermal) at 120m
Capture Rate	1 capture per second ¹ (all bands), 12-bit RAW
Interfaces	Aircraft: Trigger input, top of frame out, 1 PPS out. 3.3V isolated IO 2x USB 3.0 SuperSpeed ports for WiFi or Ethernet and USB 3.0 Storage.
Field of View	48° x 37° (multispectral) 57° x 44° (thermal)
Storage	USB 3.0 compatible storage devices

¹ capture rates vary based on write speed of USB storage device