



VISIONMAP
Digital mapping systems

Largest Footprint
Fastest Processing

A3 Core



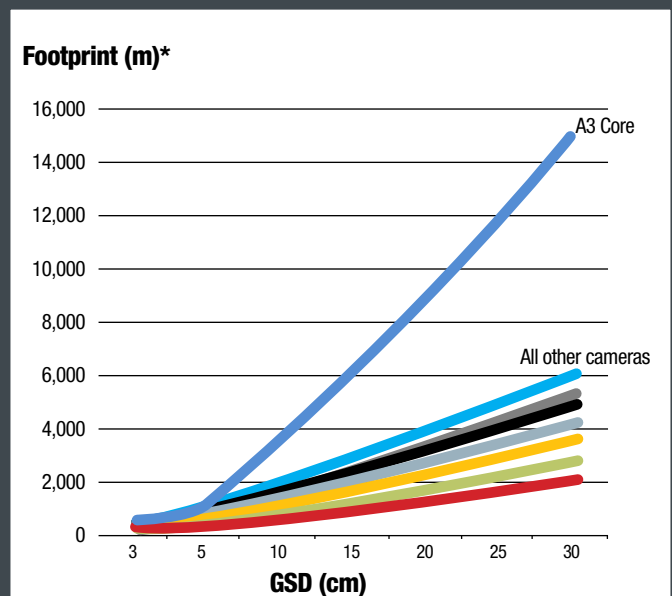
A3 Core - Turbo charge your mapping

- 40,000 pixels footprint across track – twice the footprint of other vendors' cameras
- Automated processing
- Designed with your aircraft in mind
- Best value for the money
- Easily upgraded to A3 and A3 Edge

Turbo charge your orthophoto production and mapping with A3 Core!

A3 Core's 40,000 pixel footprint and 300mm optics provide exceptional performance for traditional aerial survey aircraft such as: Cessna 206, Piper PA-31 Navajo, AN-2, Y-5 and similar platforms. Coupled with our LightSpeed end-to-end automated photogrammetric processing, A3 Core is an extremely efficient, cost-effective solution for aerial survey companies.

A3 Core Footprint



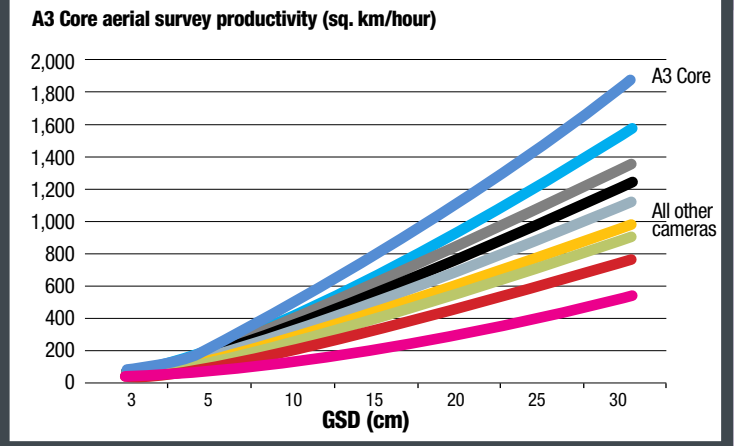
*meters across track, comparable to swath

A3

Core

Turbo charge your mapping

A3 Core aerial survey productivity



A3 Core flight scenarios

GSD (cm)	3	5	10	15	20	25	30
Altitude above ground (feet)	3,281	5,468	10,936	16,404	21,872	27,340	32,808
Typical ground speed (knots)	130	140	170	180	180	180	180
Flight line distance (m)	237	529	1,720	2,838	3,784	4,729	5,675
Footprint width (m)	562	1,284	4,238	7,343	9,791	12,238	14,686
Net coverage for orthophoto production*(km²/hour)	55	135	540	950	1,250	1,550	1,850

* Productivity calculations may be effected by many factors, such as aircraft, terrain, etc. Therefore, the figures in this document are generic in nature. For accurate figures for specific projects, please consult our experts.

A3 Core specification summary

Total weight (kg)	35
Camera dimensions (cm)	53 x 53 x 53
Camera installation time (min)	10
Max footprint (pix)	40000 x 8000
Max SLF size (MPix)	320
Pixel size (micron)	9.0
Focal length (mm)	300
Color	RGB
Color depth (bit)	12
Motion compensation	Forward, Roll, Vibration (FMC,RMC,VC)
On-board storage capacity for continues acquisition (hours)	8 - 9

The information contained in this publication is provided for general guidance only and shall not in any circumstances constitute a trade description. The Company reserves the right to change or amend specifications without prior notice.

VisionMap A3. Largest footprint. Fastest processing.