UltraCam and UltraMap – An Update

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UltraCam Family

Osprey  Eagle  Falcon  Hawk
Update: UltraCam Eagle Prime

Hawk 90 Mpixel  
Falcon prime 196 Mpixel  
Eagle prime 349 Mpixel

23,010 x 14,790 pixel  
Four exchangeable lens systems  
Faster frames, more storage  
and less weight

New: F120mm for UltraCam Eagle

Efficiency through flexibility: “UltraCam Eagle Exchangeable Lenses”

80 mm  
100 mm  
120 mm (new)  
210 mm
Update: UltraCam Osprey prime II

Ultra-flexible: „Photogrammetry meets oblique”

Nadir:
13,470 pixels across in PAN (f80)
RGB and NIR (f40)

Oblique:
80 MP RGB (f, b, l, r @ f120)

Simultaneous collect and „Nadir only” mode

New: UltraCam Osprey lite

Ultra-flexible: „Entry into oblique”

Nadir:
80 MP RGB (f70)
NIR as an option (f40)

Oblique:
80 MP RGB (f, b, l, r @ f120)

Upgradeable to UltraCam Osprey Prime II
UltraMap Modules And Versions

- Image Acquisition
- Radiometrically aligned Images
- Aerial Triangulation
- 3D Point Cloud
- Digital Surface Model (DSM) And Editing
- True (DSM) Ortho
- Traditional (DTM) Ortho

- Legacy & New AT
  09/2015
  Intergeo

- Oblique Color Balancing

- 3D TINS
  04/2016
  ASPRS

Feature Highlights

Visual Analytics – Intuitive Understanding of Any-Size Blocks

Color Coded Flight Missions

Discovering Critical Missions or Trigger Events
Feature Highlights

Visual Analytics – Coverage Check and Link Analysis

Freely Configurable Overlap  Freely Linkage Health Visualization

Feature Highlights

Visual Analytics – Built-in Terrain and Image Visualization

Identifying Point Correspondences  Image Visualization on Tie Point Surface
Feature Highlights

Revolutionary Time Saving 3D DSM Editing Tools And GUI
Feature Highlights

New Point Cloud Export Options: RGBI & CIR

Outlook V5.x

3D TINS  Colored TIN  DSM
Thank You Very Much

... And come and see us at demonstration „E“