



DEFENCE AND SPACE
Intelligence

DMC Constellation

A Cost-Effective Solution
for Rapid Coverage
and Frequent Revisit
of Large Areas

AIRBUS

Features:

- Multiple satellites with identical sensors
- Very high revisit capability
- Global coverage and large daily collection capacity
- Adjustable swath up to 620km
- Image size adjustable to your area of interest
- 22m spatial resolution (GSD)
- 3 Spectral bands (NIR, R, G)
- Radiometric calibration to Landsat 7 ($\pm 1\%$)

Benefits to you:

- Countries, regions, continents rapidly covered
- Cost effective monitoring tool
- Timely image collection within short acquisition windows
- Ideal for wide-area change detection, disaster monitoring, land cover mapping, environmental monitoring, forestry and agriculture
- Rapid delivery of the data



DMC Data Specifications

The DMC sensors use the same core spectral band filters as Landsat and cross calibrates the data to Landsat to provide excellent compatibility with the long-term Landsat programme.

	DMC Sensor	Landsat 7 ETM+ (for comparison)
Spatial Resolution (GSD)	22m	30m
Signal-to-noise	>100:1	>100:1
Absolute radiometry with respect to Landsat	<4% <1%	<4%
Gain	Configurable	Fixed
Integration	Fixed	Fixed
Swath	Adjustable up to 620km	Adjustable up to 185km
Quantisation	10 bit	8 bit
Spectral Bands:		
NIR	0.77-0.90 μm	0.77-0.90 μm
Red	0.63-0.69 μm	0.63-0.69 μm
Green	0.52-0.60 μm	0.52-0.60 μm
Revisit	1-2 days	16 days

How to order

Contact: sales@dmcii.com

Airbus Defence and Space

Australia, Brazil, China, Finland, France, Germany, Hungary, Singapore, Spain, United Kingdom, United States

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