

An aerial satellite-style image of a landscape. The terrain is a mix of dark brown, grey, and light tan colors, suggesting a mix of vegetation, soil, and possibly water. A prominent feature is a large, circular, concentric pattern in the lower right quadrant, which could be a crater, a large pond, or a specific geological formation. The overall texture is rough and uneven.

**Intelligence**

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## **DMC Constellation**

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

## 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.

	<b>DMC Sensor</b>	<b>Landsat 7 ETM+ (for comparison)</b>
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 $\mu\text{m}$	0.77-0.90 $\mu\text{m}$
Red	0.63-0.69 $\mu\text{m}$	0.63-0.69 $\mu\text{m}$
Green	0.52-0.60 $\mu\text{m}$	0.52-0.60 $\mu\text{m}$
Revisit	1-2 days	16 days

### How to order

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