



DATA SHEET

## 16-BAND SUPERSPECTRAL IMAGERY

See a better world.®



## More insight per pixel

DigitalGlobe provides the world's smartest imagery where your mission matters most. Our breakthrough 16-band superspectral imagery will help you elevate your IMINT strategy with an unprecedented level of insight using visible, near infrared, and shortwave infrared (VNIR and SWIR) detection.

Available from WorldView-3, 16-band superspectral imagery provides 16 distinct spectral data points for every pixel on the ground; identify object material composition in a way never before possible in imagery, like plastics, paint, or metal exposed on a vehicle by chipping paint. This rich composition insight will enable you to expedite analysis by narrowing the search area and extract more knowledge from a single scene.

### Features & Benefits

- New insights: See insights not visible in traditional 4-band imagery
- Smarter IMINIT strategies: Narrow your search through vast amounts of imagery
- Smarter imagery: Imagery you can query for insight rather than scroll
- High ease-of-use: Easy to visualize with quick-start tutorials
- Operational Resiliency: Gain visibility in challenging atmospheric conditions

### POLYMER SIGNALS AT KHMEIMIM AIR BASE, AKA HMEIMIM AIR BASE IN SYRIA



30cm pansharp image

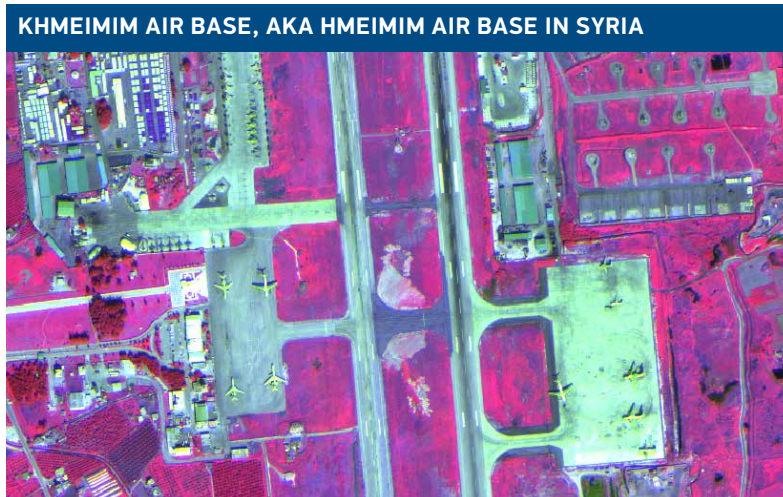
### KHMEIMIM AIR BASE, AKA HMEIMIM AIR BASE IN SYRIA



2m false color composite utilizing bands 16 (SWIR8), 4 (Yellow), 3 (Green)

## Specification

<b>Satellite</b>	WorldView-3																				
<b>Product Level</b>	Level 3 orthorectification																				
<b>Spatial Resolution (GSD) SWIR</b>	7.5 m regridded to 2 m																				
<b>VNIR</b>	2 m																				
<b>Resampling Kernel</b>	Bilinear																				
<b>Bits per Pixel</b>	16																				
<b>Projection Datum Units</b>	UTM																				
<b>Pixel values</b>	Surface reflectance																				
<b>File Format</b>	GeoTiff; BigTiff																				
<b>Spectral Bands</b>	<table><tr><td colspan="2">8 Multispectral:</td></tr><tr><td>Coastal: 427.4 nm</td><td>Red: 660.1 nm</td></tr><tr><td>Blue: 481.9 nm</td><td>Red Edge: 722.7 nm</td></tr><tr><td>Green: 547.1 nm</td><td>Near-IR1: 824.0 nm</td></tr><tr><td>Yellow: 604.3 nm</td><td>Near-IR2: 913.6 nm</td></tr><tr><td colspan="2">8 SWIR Bands:</td></tr><tr><td>SWIR-1: 1209.1 nm</td><td>SWIR-5: 2163.7 nm</td></tr><tr><td>SWIR-2: 1571.6 nm</td><td>SWIR-6: 2202.2 nm</td></tr><tr><td>SWIR-3: 1661.1 nm</td><td>SWIR-7: 2259.3 nm</td></tr><tr><td>SWIR-4: 1729.5 nm</td><td>SWIR-8: 2329.2 nm</td></tr></table>	8 Multispectral:		Coastal: 427.4 nm	Red: 660.1 nm	Blue: 481.9 nm	Red Edge: 722.7 nm	Green: 547.1 nm	Near-IR1: 824.0 nm	Yellow: 604.3 nm	Near-IR2: 913.6 nm	8 SWIR Bands:		SWIR-1: 1209.1 nm	SWIR-5: 2163.7 nm	SWIR-2: 1571.6 nm	SWIR-6: 2202.2 nm	SWIR-3: 1661.1 nm	SWIR-7: 2259.3 nm	SWIR-4: 1729.5 nm	SWIR-8: 2329.2 nm
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## DELIVERY

Delivery available for offline delivery through FTP and online via these formats:

- GeoTiff
- BigTiff formats