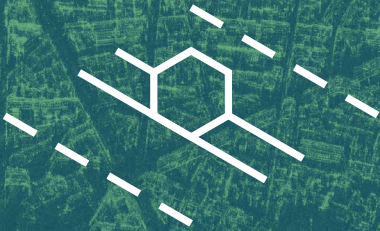


ICEYE

ICEYE
TASKING



ICEYE TASKING IMAGING MODES

AVAILABLE IMAGING MODES

Spot

Strip

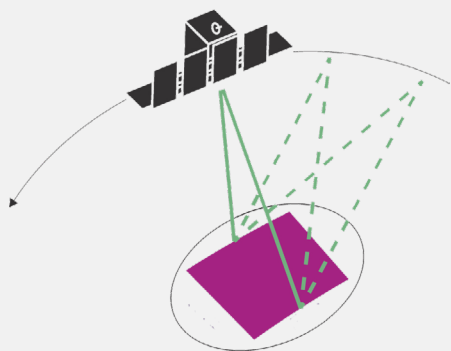
Scan

FORTHCOMING IMAGING MODES

Spot Extended Dwell

Scan High

AVAILABLE IMAGING MODES

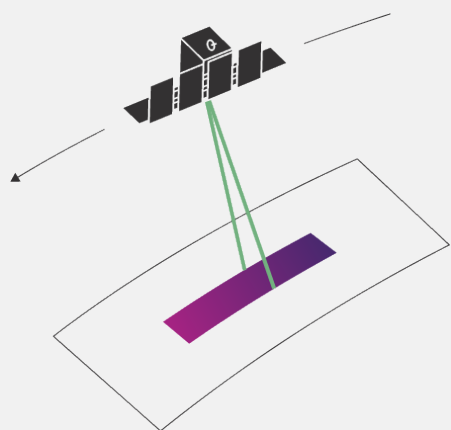


SPOT

Spot offers the finest resolution available.

- ▶ Resolution (rg x az): 0.5 x 0.25 m (Slant), 1 x 1 m (Ground)
- ▶ Scene (rg x az): 5 x 5 km
- ▶ ESA Resolution class: VHR-1
- ▶ X-band

Standard Data Package Includes: SLC, GRD, Quicklook and Thumbnail.

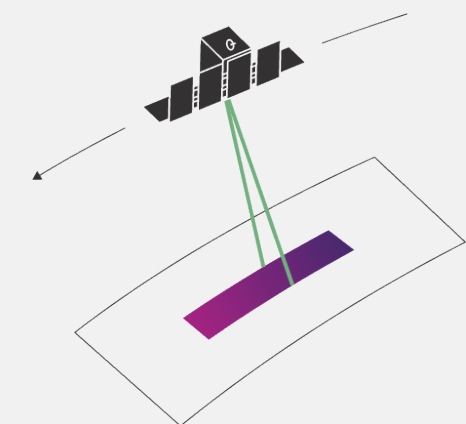


STRIP

Strip is a standard ICEYE imaging mode. It can be acquired as a single scene or as a strip.

- ▶ Resolution (rg x az): 0.5 - 2.5 x 3 m (Slant), 3 x 3 m (Ground)
- ▶ Scene (rg x az): 30 x 50 km (can be extended in length in 50 km increments up to 600 km)
- ▶ ESA Resolution class: VHR-2
- ▶ X-band

Standard Data Package Includes: SLC, GRD, Quicklook and Thumbnail.

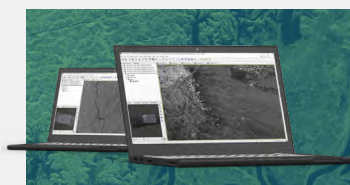


SCAN

Scan is a wide-area imaging mode enabling acquiring 10,000 km² in a single SAR image.

- ▶ Resolution (rg x az): 15 x 15 m (Ground)
- ▶ Scene (rg x az): 100 x 100 km
- ▶ Beams: 4
- ▶ X-band

Standard Data Package Includes: GRD, Quicklook and Thumbnail.

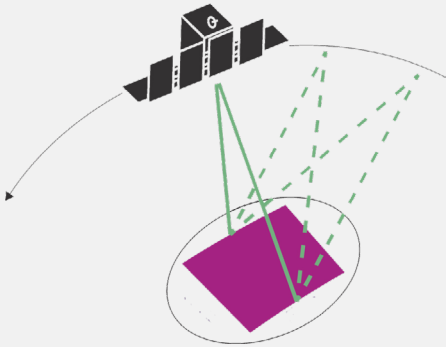


DOWNLOAD: ICEYE SAMPLE DATASETS
www.ICEYE.com/datasets

ICEYE
TASKING



FORTHCOMING IMAGING MODES

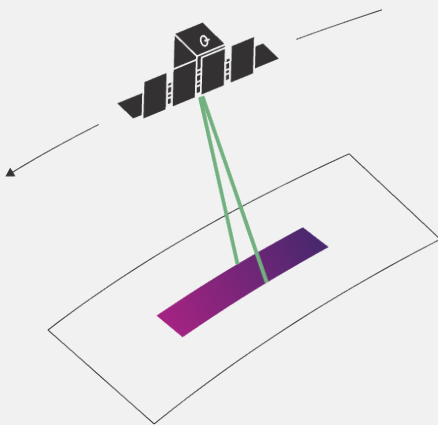


SPOT EXTENDED DWELL

COMING SOON

In this mode, the area is illuminated for an extended time of 25 seconds in a single pass. It facilitates splitting the data into several separate frames enabling analysis of movement.

- ▶ Imaging time: 25s
- ▶ Resolution (rg x az): variable x 1 m (Ground)
- ▶ Scene (rg x az): 5 x 5 km
- ▶ X-band

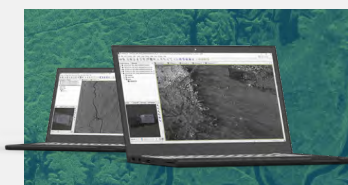


SCAN HIGH

COMING SOON

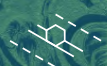
Scan High enables imaging large area with a higher resolution.

- ▶ Resolution (rg x az): 6 x 6 m (Ground)
- ▶ Scene (rg x az): 100 x 60 km
- ▶ Beams: 4
- ▶ X-band



DOWNLOAD: ICEYE SAMPLE DATASETS
www.ICEYE.com/datasets

TASKING



ICEYE TASKING IMAGING MODES

IMAGING MODES	SLANT RESOLUTION	GROUND RESOLUTION	SCENE SIZE	INCIDENCE ANGLES	STATUS
STRIP	0.5 - 2.5 x 3.0 m	3.0 x 3.0 m	30 x 50 km	15-30°	Available
SPOT	0.5 x 0.25 m	1.0 x 1.0 m	5 x 5 km	20-35°	Available
SCAN	-	15 x 15 m	100 x 100 km	21-29°	Available
SPOT EXTENDED DWELL	0.5 x 0.25 m	1.0 x 1.0 m	5 x 5 km	20-35°	Coming soon
SCAN HIGH	-	6 x 6 m	60 x 100 km	21-29°	Coming soon


DOWNLOAD:[ICEYE.COM/DOCUMENTS](https://iceye.com/documents)

DOWNLOAD: ICEYE SAR PRODUCT GUIDE

DOWNLOAD: ICEYE LEVEL 1 PRODUCT FORMAT SPECIFICATION

DOWNLOAD: ICEYE DATA CALIBRATION AND VALIDATION





“ The first operational ICEYE satellite was launched in January 2018. Now, all the ICEYE imaging products are available from our commercial constellation of satellites.

STEVE YOUNG

VP, BUSINESS DEVELOPMENT
AND SALES, ICEYE

EXPLORE FREE DATASETS FROM ICEYE: [ICEYE.COM/DATASETS](https://iceye.com/datasets)



SPOT SAR IMAGERY

FORMATS: SLC & GRD

LOCATIONS: LONDON, UNITED KINGDOM, & ESCONDIDA, CHILE

FEATURES: URBAN AREA, MINE

STRIP SAR IMAGERY

FORMATS: SLC & GRD

LOCATIONS: COPELAND, KS, USA & BRAWLEY, CA, USA

FEATURES: AGRICULTURAL AREA

SPOT SAR IMAGERY

FORMATS: SLC

LOCATIONS: KUALA LUMPUR INTERNATIONAL AIRPORT, MALAYSIA & SUVARNABHUMI AIRPORT, BANGKOK, THAILAND

FEATURES: PORTS

STRIP SAR IMAGERY

FORMATS: SLC & GRD

LOCATIONS: MISSISSIPPI RIVER DELTA & CORPUS CHRISTI, USA

FEATURES: DELTA, AGRICULTURAL AREA

ICEYE
TASKING

