

COMMERCIAL SYSTEMS REFERENCE GUIDE



Tasking Platforms:
 CIDR (Research and Science): <https://cidr.cr.usgs.gov>
 CMT (Emergency Operations): <https://cmt.usgs.gov>

Sensor	Vendor	Constellation	Spectrum/Polarization	Point Size	Area Size	Best Resolution	Tasking	Delivery
EO	Vantor	WorldView	PAN/MSI/SWIR	13 x 13km	Best: 25 x 40km Max: 3000sqkm	PAN: 0.31m MSI: 1.24m SWIR: 3.7m	CIDR and CMT	EarthExplorer HDDS G-EGD Pro
EO	BlackSky	GEN 2	PAN/MSI	4 x 4km	NA	0.85m	CIDR and CMT	G-EGD Pro
		GEN 3	MSI	4 x 4km	NA	0.35m	CIDR and CMT Enter in "Request Details"	G-EGD Pro
EO	Planet	PlanetScope Dove	PAN/MSI	NA	NA	3m	No, always collecting. Reach out to Planet PMO: planetuseraccountreq@nga.mil	PlanetExplorer
HSI		Tanager	HSI	18 x 18km	NA	30m	CIDR and CMT Enter in "Request Details"	S3 Bucket
HSI	Orbital Sidekick	GHOst	HSI	4 x 12km	NA	8.33m	CIDR and CMT Enter in "Request Details"	S3 Bucket
SAR	ICEYE(US)	ICEYE	VV	5 x 5km	Max: 100 x 100km	0.25m	CIDR and CMT	G-EGD Pro
SAR	RADARSAT	RADARSAT 2	Single: HH or VV Dual: HH+HV or VV+VH Quad: HH+VV+HV+VH	4 x 4km	Max: 500 x 500km	1m	CIDR and CMT	E-mail

Dissemination Platforms:

EarthExplorer: <https://earthexplorer.usgs.gov>

HDDS Explorer: <https://hddsexplorer.usgs.gov>

G-EGD PRO: <https://pro.gegd.com>

PlanetExplorer: <https://www.planet.com/explorer>

Acronyms:

CIDR: (Commercial Remote Sensing Space Policy) Imagery-Derived Requirements

CMT: Collection Management Tool

EO: Electrical Optical

SAR: Synthetic-Aperture Radar

HDDS: Hazard Data Distribution System

G-EGD: Global Enhanced GEOINT Delivery

EOCL: Electro Optical Commercial Layer

NRO: National Reconnaissance Office

SCE: Strategic Commercial Enhancement

CRC: Commercial Radar Capabilities

NGA: National Geospatial Intelligence Agency

PAN: Panchromatic

MSI: Multi-Spectral Imager

SWIR: Shortwave Infrared

VV: Vertical-Vertical

HH: Horizontal-Horizontal

USGS: United States Geological Survey

HSI: Hyperspectral Imaging