

Parameter	Description	Format	Units/Default value	Example values
POS	Position with CIRCLE constraint; returns square image cutouts	CIRCLE ra dec radius	Decimal degrees (ICRS) for ra, dec and radius. The radius must be between 0.00139 and 0.16667 deg (5 and 600 arcsec).	POS=CIRCLE 150 2.2 0.1
BAND	Wavelength range to overlap data wavelength range. Image cutout wavelength ranges are defined by min and max wavelength of filter transmission profiles.	single wavelength or an interval: wave1 wave2	metres	Images overlapping 440nm: BAND=440e-9; Images bluer than 300 nm: BAND=-Inf 300e-9; Images redder than 800 nm: BAND=800e-9 +Inf; Images covering 300-800 nm: BAND=300e-9 800e-9
FILTER	Name of the image filter. Alternative custom parameter to BAND.	string		FILTER=2070;FILTER=520; FILTER=570;FILTER=FUV;FILTER=H; FILTER=IRAC1;FILTER=IRAC2; FILTER=IRAC3;FILTER=IRAC4; FILTER=J;FILTER=K;FILTER=Ks; FILTER=MIPS160;FILTER=MIPS24; FILTER=MIPS70;FILTER=NUV; FILTER=P100;FILTER=P160; FILTER=S250;FILTER=S350; FILTER=S500;FILTER=W1; FILTER=W2;FILTER=W3;FILTER=W4; FILTER=Y;FILTER=Z;FILTER=g; FILTER=i;FILTER=r;FILTER=u; FILTER=z;
ID	Internal identifier of image mosaic to extract cutout from; Matches the Obscore obs_publisher_did field.	string	See obs_publisher_did field in VOTABLE output for values unique to each mosaic.	Example: ID=ivo://datacentral.org.au/surveys?devils/dr0/9
COLLECTION	Name of data collection	string		Devils Data Release 0: COLLECTION=devils_dr0; Gama Panchromatic Data Release: COLLECTION=gama_pdr
FACILITY	Name of facility used to take data	string		FACILITY=CFHT; FACILITY=Chandra; FACILITY=GALEX; FACILITY=Herschel; FACILITY=SDSS; FACILITY=Spitzer; FACILITY=SpitzerSED; FACILITY=VISTA; FACILITY=VST; FACILITY=WISE; FACILITY=UKIRT

DPTYPE	Type of data to be searched. Currently all are 'image' type.	string	image	DPTYPE=image; DPTYPE=cube
CALIB	Calibration level of the data; Currently all data are level '3' (enhanced data product).	integer	3	CALIB=0; CALIB=1; CALIB=2; CALIB=3
FORMAT	Format of the image cutout returned by the service linked to in the access_url field.	string	fits	FITS: FORMAT=application/fits; FORMAT=fits. PNG: FORMAT=image/png; FORMAT=png. VOTABLE: FORMAT=application/x-FORMAT=votable+xml; FORMAT=text/xml; FORMAT=votable.
MAXREC	Maximum number of records to return in query. Results are truncated to MAXREC rows.	integer		Special case to return only metadata about SIA service: MAXREC=0
PNG_SCALE	Scale to apply to the data. PNG_SCALE and all other PNG_ parameters only apply to PNG format output.	string	log	PNG_SCALE=log; PNG_SCALE=linear; PNG_SCALE=asinh; PNG_SCALE=atan; PNG_SCALE=sqrt
PNG_LO CUT	Low limit to clip the data before applying the scaling.	float; Must be between 0.0 and 1.0; PNG_LO CUT must be less than PNG_MAXCUT.	0.4	
PNG_MAXCUT	High limit to clip the data before applying the scaling.	float; Must be between 0.0 and 1.0; PNG_MAXCUT must be more than PNG_LO CUT.	0.995	
PNG_STRETCH	Number to multiply the data before applying the scaling.	string "auto"; float otherwise	auto	PNG_STRETCH=auto; PNG_STRETCH=1.5
PNG_CMAP	Colour map	string		PNG_CMAP=gist_gray; PNG_CMAP=afmhot; PNG_CMAP=viridis; PNG_CMAP=plasma; PNG_CMAP=inferno; PNG_CMAP=magma

PNG_INV	Invert colour map?	boolean; case-insensitive	TRUE	True may be expressed as: PNG_INV=T; PNG_INV=1; PNG_INV=True. False may be expressed as: PNG_INV=F; PNG_INV=0; PNG_INV=False
PNG_AXSTYLE	Axis style	string	basic	PNG_AXSTYLE=basic; PNG_AXSTYLE=none
PNG_AXUNIT	Axis units; Decimal or sexagesimal degrees	string	deg	PNG_AXUNIT=deg; PNG_AXUNIT=hmsdms
PNG_TITLE	Display image survey and filter?	boolean	FALSE	As for PNG_INV above
PNG_POS	Display central source position marker?	boolean	FALSE	As for PNG_INV above
PNG_GRID	Display coordinate grid overlay?	boolean	FALSE	As for PNG_INV above